

BIBLIOGRAPHY
OF
SYSTEMATIC MYCOLOGY
1958

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BIBLIOGRAPHY OF SYSTEMATIC MYCOLOGY

Publications issued in 1958 and a few from earlier years are listed.
For new genera and species see the Index of Fungi published by this Institute.

The entries were compiled by the C. M. I. staff and edited by Miss G. M. Waterhouse.

GENERAL

3016. BATISTA (A. C.) & MAIA (H. Da S.). Um Grupo de fungos hiperparasitas. - Rev. Biol. Lisboa, 1, 2, pp. 140-156, 12 fig., 1957. [*Sphaeriaceae* and *Sphaeropsidaceae*. *Capitorostrum asteridiellae* n. gen. n. sp., *Ectosticta popowiae* n. sp., *Trichocicinnus ugandensis* n. sp. Also published as Publ. Inst. Micol. Recife 91.]
3017. BELS-KONING (H. C.) & BELS (P. J.). Handleiding voor de champignoncultuur. - 295 pp., 94 fig., Proefstation voor Champignoncultuur, Horst, Limburg, 1958.
3018. BÖHME (F.). Unsere Pilze. - 63 pp., 2 col. pl., 41 fig., 3rd edition, A. Ziemsen, Wittenberg, 1958.
3019. BONDARTSEV (A. S.) & VLADIMIRSKAYA (Mme M. E.). (A brief report on the work of the Mycological section of the Pan Soviet Botanical Society for the period July 1946-Dec. 1956.) - Bot. Zh. U.S.S.R., 43, 3, pp. 457-459, 1958. [Russian.]
3020. BOULLARD (B.). La mycotrophie chez les Ptéridophytes. Sa fréquence, ses caractères, sa signification. - Botaniste (Bordeaux), Sér. 41, 1-6, pp. 5-185, 12 pl., 1957.
3021. BROCK (T. D.). Symbolism in heterothallic fungi. - Mycologia, 50, 3, pp. 444-446, 1958.
3022. CEJP (K.). Houby II. - 408 pp., 116 fig., Czechoslovakian Academy of Sciences Press, Prague, 1958.
3023. COOKE (W. B.). The ecology of the fungi. - Bot. Rev., 24, 6, pp. 341-429, 1958.
3024. DAS GUPTA (S. N.). History of botanical researches in India, Burma and Ceylon. Part I. Mycology and plant pathology. - iv + 118 pp., Bangalore City, Bangalore Press (for the Indian Botanical Society), 1958.
3025. DE ROON (H. C.). International directory of specialists in plant taxonomy. Regnum veget. 13, 266 pp., 1958. (Utrecht, International Bureau for Plant Taxonomy and Nomenclature.)
3026. DEYSSON (G.). Sur l'examen des champignons en lumière de Wood. Son intérêt pour l'étude du genre *Russula*. - Bull. Soc. mycol. Fr., 74, 2, pp. 207-215, 1958.
3027. ENGEL (F.). Pilzwanderungen. Eine Pilzkunde für Jedermann. - 160 pp., 48 col. pl., 3rd expanded edition, A. Ziemsen, Wittenberg, 1958. DM. 11.40.
3028. GAMS (H.). Anregungen zur Neuordnung der Thallophyten. - Ber. dtsch. Bot. Ges., 71, 2, pp. 81-88, 1958.
3029. GROVES (J. W.). Mushroom collecting for beginners. - Publ. Dep. Agric. Can., 861, 30 pp., 1958. [Revised.]
3030. HAZEN (E[LIBAZETH] L.) & REED (F. C.). Laboratory identification of pathogenic fungi simplified. - 108 pp., 22 pl., Charles C. Thomas, U.S.A.
3031. HEIM (R.). Les critères d'ordre chimique dans l'étude des affinités chez les Macromycètes. - Uppsala Univ. Årsskr., 6, pp. 48-58, 1958.
3032. HENRY (R.). Réactions chimiques colorées en mycologie. Action de l'iode (suite). - Rev. Mycol., Paris, 23, 1, pp. 154-176; 23, 3, pp. 369-372, 1958.
3033. HERINK (J.). Otravi houbami. - 128 pp., 17 pl., 22 fig., Státní zdravotnické nakladatelství, Prague, 1958. Kčs 11.50.
3034. HSIANG (W. N.). (Important works on Chinese mycology and phytopathology.) - Peking, Science Press, 323 pp., 1957. [Chinese.]

3035. JINKS (J. L.). Cytoplasmic differentiation in fungi. - Proc. roy. Soc., Ser. B, 148, 932, pp. 314-321, 1958. [Penicillium cyclopium, Aspergillus glaucus, and A. nidulans.]
3036. KLÁŠTERSKÝ (I.). Philipp Maximilian Opiz, sein Leben und Werk. - pp. 13-45, 8 fig., Prague, Československá Akademie Věd, Philipp Maximilian Opiz und seine Bedeutung für die Pflanzen-taxonomie, 1958.
3037. KOBAYASHI (T.). Taxonomical view by J. A. von Arx about anthracnose fungi. - J. Jap. For. Soc., 40, 9, pp. 411-413, 1958. [Japanese.]
3038. KOBAYASHI (Y.). Fifty years of mycology. - Nat. sci. Mus. Tokyo, 24, 3-4, pp. 27-39, 1957.
3039. KOBAYASHI (Y.). Two phases about the biography of Christiaan Hendrik Persoon. - Trans. mycol. Soc. Japan, 5, pp. 10-11, 1957. [Japanese.]
3040. KONONOVA (Mme M. M.) (Editor). (Soil microflora of the European U. S. S. R.) - 258 pp., 2 col. pl., 48 fig., 4 diag., 12 graphs, Accademy of Science U. S. S. R., Moscow, 1957. [Russian.]
3041. MACDONALD (J. A.). Some aspects of our knowledge of the fungus cell. - Trans. bot. Soc. Edinb., 37, 3, pp. 146-162, 1958.
3042. MAZELAITIS (J.) & MINKEVIČIUS (A.). (Edible and poisonous fungi.) - 247 pp., 28 col. pl., 110 fig., Valst. polit. ir moksł. lit. leidykla, Vilnius, 1957. Roubles 8.50.
3043. MOROCHKOVSKIĬ (S. F.). (The history of mycological research in the Ukraine and its connexion with Russian mycological science.) - Bot. Zh. S. S. R., 43, 7, pp. 1057-1065, 1958. [Russian.]
3044. ORSENIGO (M.). First biennium of activity of the Mycotheca Universitatis Catholicae Sacri Cordis (MCU). - Ann. Fac. Agric. Univ. S. Cuore, 3, pp. 50-80, 1956.
3045. PILÁT (A.). Vreckovy atlas húb. Pomocná kniha pre učiteľ'ov a žiakov. - 80 pp., Příkl. z češ, Bratislava-Prague, 1956. 16. 70 Kčs.
3046. RAPER (K. B.). The golden anniversary of the Centraalbureau voor Schimmelcultures - 1907-1957. - Mycologia, 49 (1957), 6, pp. 884-892, 4 fig., 1958.
3047. SCHWEIZER (H.). Beiträge zur Biologie des Kirschen- und Pfirsichschorferregers (Fusicladium cerasi (Rabh.) Sacc., Venturia cerasi Ad. und Cladosporium carpophilum v. Thüm.). - Phytopath. Z., 33, 1, pp. 55-98, 22 fig., 3 graphs, 1958.
3048. SECHANOV (I. C.). (The [larger] fungi of Bulgaria.) 2nd Edition, 763 pp., 111 col. pl., 114 fig., 4 maps (loose), Sofia, State Publishers, Nauka i izkustvo, 1957. [Bulgarian.]
3049. SMITH (A. H.). The mushroom hunter's field guide. - 197 pp., 157 figs., University of Michigan Press, Ann Arbor, 1958. 40s.
3050. TUBAKI (K.). Observations and culture of the fungi growing on fallen leaves. - Trans. mycol. Soc. Japan, 3, pp. 7-8, 1957. [Japanese.]
3051. UL'YANISHCHEV (V. I.). (Mycological research in Azerbaijan.) - Science Session, Proc. 10th Conf. Academy of Science, Azerbaijan S. S. R., pp. 508-513, 1957. [Russian.]
3052. VENKATESWARLU (J.). Genetics of micro-organisms. - Mem. Indian Bot. Soc., 1, pp. 107-110, 1958.
3053. WASSON (VALENTINA P.) & WASSON (R. G.). Mushrooms, Russia and history. - vol. I, xxi + 214 pp., 37 pl. (18 col.), 11 fig.; vol. II, xii + pp. 215-433, 45 pl. (12 col.), 17 fig., New York, Pantheon Books, 1957. \$125.
3054. YAMAMOTO (W.). Ecology and classification of sooty moulds. - Trans. mycol. Soc. Japan, 8, pp. 1-3, 1958. [Japanese.]
3055. YAMAMOTO (W.). Ibid. (2). - Op. cit., 9, pp. 6-7, 1958. [Japanese.]

LISTS OF FUNGI

3056. APINIS (A. E.). Distribution of microfungi in soil profiles of certain alluvial grasslands. - Angew. PflSoziol., 15, pp. 83-90, 1958.

3057. HANSFORD (C. G.). Tropical fungi VIII. - Sydowia, 11 (1957), 1-6, pp. 44-69, 1958. [41 n. spp., 14 n. var., 1 n. comb.]
3058. PETRAK (F.). Schedae ad cryptogamas exsiccatas, editae a Museo Historiae Naturalis Vindobonensi. - Ann. naturhis. Mus. Wien, 68, pp. 87-94, 1958. [10 fungi.]
3059. SVRČEK (M.). Catalogus fungorum, quos Ph. M. Opiz descripsit et praesertim eorum, qui in herbario mycologico sectionis botanicae musei nationalis Pragensis Pruhonice, asservati sunt. - pp. 73-99, Prague, Československá Akademie Věd, Philipp Maximilian Opiz und seine bedeutung für die Pflanzentaxonomie, 1958.
- AFRICA See also nos. 3348, 3470, 3507, 3525, 3576, 3654, 3657-8, 3827.
3060. DE CARVALHO (T.) & MENDES (O.). Doenças de Plantas em Moçambique. - 84 pp., 59 pl., Província de Moçambique, Direcção de Agricultura e Florestas, Repartição de Sanidade Vegetal, Secção de Patologia Vegetal, 1958. [All groups.]
3061. GUYOT (A. L.). Contribution à l'étude de la flore mycologique de la Tunisie. - Ann. Serv. Bot. Tunis., 28 (1955), pp. 69-139, 40 fig., 1958. [66 spp. mostly Pyrenomyces and Sphaeropsidales.]
3062. MALENÇON (G.). Prodrome d'une flore mycologique du Moyen Atlas. 4^e contribution. - Bull. Soc. mycol. Fr., 73 (1957), 4, pp. 289-330, 11 fig., 1958. [Lists Protobasidiomycetes, Autobasidiomycetes, Corticiaceae, & Hydnaceae.]
3063. SWART (H. J.). An investigation of the mycoflora in the soil of some mangrove swamps. - Acta Bot. Neerl., 7, 5, pp. 741-768, 2 fig., 2 maps, 1958. [24 genera but spp. named in only a few.]
3064. TALBOT (P. H. B.). New and interesting records of South African fungi. Part iii. - Bothalia, 7, 1, pp. 109-111, 3 pl., 1958. [Tilletia ehrhartae and Thecaphora bulbinellae n. spp. and 5 other spp.]
3065. TARR (S. A. J.). The fungi and plant diseases of Sudan. - 134 pp., 75 fig., 1 map, Commonwealth Mycological Institute, Kew, 1955.
- ASIA See also Nos. 3349, 3520
3066. CASH (EDITH K.) & CORNER (E. J. H.). Malayan and Sumatran Discomycetes. - Trans. Brit. mycol. Soc., 41, 3, pp. 273-282, 1958. [Nov. spp.: Dasyscypha brunneomaculata, Encoelia singaporensis, Helotium hinnuleum, Mollisia isabellina, Orbilia fici, Sarcosoma umbrina, Scleroderris sumatrana, Spathularia heterospora, Sphaerosoma malayense.]
- Formosa See No. 3360.
- India See also Nos. 3230, 3242, 3301, 3474-6, 3573, 3577, 3580, 3584-5, 3618-9, 3787
3067. CHIDDARWAR (P. P.). Additions to fungi of Bombay - IV. - Sci. & Cult., 24, 6, pp. 290-291, 1958.
3068. CHOWDHURY (S.). Notes on fungi from Assam, III. - Lloydia, 21, 3, pp. 152-156, 4 fig., 1958. [Phyllosticta eletariae, P. pratima, Cercospora mandira, and C. ranjita n. spp.]
3069. JOSHI (N. C.). The second contribution to the study of fungi from Ajmer (Rajasthan). - Agra Univ. J. Res. (Sci.), 6, 2, pp. 15-17, 1957. [30 fungi of all groups.]
3070. JOSHI (N. C.). Fungi of Ajmer (Rajasthan) - I. - Indian J. mycol. Res., 2 (1956), 1-2, pp. 65-70, [1956]. [55 spp. all groups.]
3071. RAMAKRISHNAN (K.). Fungal flora of India. - Mem. Indian Bot. Soc., 1, pp. 140-144, 1958.
3072. SALAM (M. A.) & RAO (P. N.). Fungi from Hyderabad (Deccan) - I. - J. Indian bot. Soc., 36, 3, pp. 421-427, 9 fig., 1957. [23 spp. of all groups including 3 n. spp. of Cercospora and 1 of Ovularia.]
- Iran
3073. VIENNOT-BOURGIN (G.). Contribution à la connaissance des champignons parasites de l'Iran. - Ann. Epiphyt., 9, 2, pp. 97-210, 14 pl., 3 fig., 1 map, 1958.

Israel

3074. RAYSS (T[SHARMA] & BORUT (S.). Contribution to the knowledge of soil fungi in Israel. - Mycopathologia, 10, 2, pp.142-174, 10 fig., 1958.

Japan See also Nos. 3206, 3356, 3449, 3489, 3665-9, 3872-4

3075. ANON. Materials for the fungus flora of Japan. - Trans. mycol. Soc. Japan, 7, pp.9-10, 3 fig. (on p.1), 1958. [Japanese.]
3076. HINO (I.). Parasitic fungi on Bamboos in Japan. - General remarks. - Bull. Fac. Agric. Yamaguti Univ. 9, pp. 849-876, 1958. [82 ref.]
3077. HINO (I.) & KATUMOTO (K.). Notes on fungi from western Japan (2). - Bull. Fac. Agric. Yamaguti Univ. 8, pp. 637-648, 15 fig., 1957. [13 n. spp.]
3078. HINO (I.) & KATUMOTO (K.). Illustrationes fungorum bambusicolorum V. - Bull. Fac. Agric. Yamaguti Univ. 8, pp. 649-658, 10 fig., 1957. [9 n. spp.]
3079. HINO (I.) & KATUMOTO (K.). Ibid. VI. - Op.cit., 9, pp.877-908, 30 fig., 1958. [20 n. spp., 2 n. comb.]
3080. IMAZEKI (R.) & HONGÔ (T.). Coloured illustrations of fungi of Japan. - 181 pp., 63 col. pl., Hoikusha Osaka, 1957. [Japanese.]
3081. KATUMOTO (K.) Notes on fungi from Western Japan (3). - Bull. Fac. Agric. Yamaguti Univ., 9, pp.909-916, 10 fig., 1958. [5 n. spp., 1 n. nom.]
3082. KAWAMURA (S.): Icones of Japanese fungi, 8. - pp. 801-863. 10 col. pl., Kazama-shobo, 1955. [Japanese.]

Pakistan

3083. AHMAD (S.). Fungi of West Pakistan. - Biological Society of Pakistan, Monograph No. 1. 126 pp., 1 map, Government College, Lahore, 1956.

Turkey

3084. KAREL (G.). A preliminary list of plant diseases in Turkey. - 44 pp., Ankara, Ministry of Agriculture, 1958. [All groups.]
3085. LOHWAG (K.). Ein Beitrag zur Pilzflora der Türkei. - Univ.Orman, Fakül Dergisi, Ser. A, 7, 1, pp.118-137, 1957. [All groups.]

U.S.S.R. See also Nos. 3506, 3516, 3528, 3537-8, 3540, 3683

3086. ARUTYUNYAN (E.S.). (Harmful fungus flora of trees and shrubs in the Oak forests of southern Armenia.) - 104 pp., 9 fig., Yerevan University, Yerevan, 1955. [Russian.]
3087. BUNIKOVSKAYA (Mme K.M.). (A review of the fungal diseases of trees and shrubs in the arboretum 'Trostyanets') - Bull. Centr. bot. Gdn, Moscow, 1957, 27, pp.94-96, 1957. [Russian.]
3088. DOMASHEVA (Mme A.A.). (Macromycetes of the Terskei-Alatau range in Kirgiz S.S.R.) - Trud. Inst. Bot. Kirgiz Acad. Sci., 1958, 3, pp. 81-90, 1958. [Russian. Mostly Basidiomycetes.]
3089. GORODILOVA (Mme L.M.). (List of diseases on trees and shrubs in Kazakhstan.) - Trud. Sta. Zashch. Rast. Kazakh. fil. VASKNIL, 3, pp.241-248, 1956. [Russian.]
3090. GUTSEVICH (S.A.) & ZHILINA (Mme Z.A.). (New and rare fungal species for U.S.S.R. on *Sequoia sempervirens* Endl.) - Bull. nauch.-tech. inform. gos. Nikita bot. Sad., 1957, 3-4, pp. 69-72, 1957. [Russian.]
3091. KALÝMBETOV (B.). (On the fungus flora of the Alma-Ata botanical garden.) - Trud. Alma-Ata bot. Sad., 3, pp. 95-101, 1956. [Russian. 142 fungi of all groups.]
3092. KANCHAVELI (L.A.), NATSVLISHVILI (A.A.), & GVRITISHVILI (M.N.). (Materials on the fungus flora Mtatusheti (Upper Tusheti). - Trud. Inst. Zashch. Rast. Acad. Sci. Georgia, 12, pp. 181-194, 1957. [Georgian with Russian summary.]
3093. KAZENAS (L.D.). (List of diseases of agricultural plants in Kazakhstan.) - Trud. Sta. Zashch. Rast. Kazakh. fil. VASKNIL, 3, pp.216-240, 1956. [Russian. 491 diseases.]

3094. KRIVOSHEI (N. S.). (Fungus diseases of tree and shrub species in the Ternopol region.) - J. Bot. Acad. Sci. Ukr., 15, 4, pp. 81-87, 1958. [Ukrainian.]
3095. KUTOVA (Mme T. N.). (Toadstools in the Darwinski forest.) - Trud. Darwin. State Forest, 1957, 4, pp. 467-480, 1957. [Russian.]
3096. LEBEDEVA (Mme L. N.). (Fungal flora and diseases of trees and shrubs in Upper-Forest.) - Trud. gorno-lesn. gos. zapovedn., 1958, 1, pp. 80-93, 1958. [Russian.]
3097. LITVINOV (M. A.) & SHCHERBINA (Mme T. S.). (Concerning the question of the importance of parasitic fungi in the different phytocoenoses in the arid steppes of Kazakhstan.) - J. Bot., U.S.S.R., 43, 11, pp. 1593-1595, 1958. [Russian.]
3098. MELYA (M. S.). (Materials from the study of the zonal distribution of fungi in the Georgian S.S.R.) - Trud. Inst. Zashch. Rast. Acad. Sci. Georgia, 12, pp. 217-225, 1957. [Georgian with Russian summary.]
3099. MOROCHKOVSKIĬ (S. F.). (Materials on the fungus flora in the game reserves of the Khomutov steppe.) - J. Bot. Acad. Sci. Ukr., 13, 3, pp. 74-86, 1956. [Ukrainian.]
3100. MOROCHKOVSKIĬ (S. F.). (Materials for a fungus flora of the Kamenniye Mogily reserve.) - J. Bot. Acad. Sci. Ukr., 14, 2, pp. 60-68, 1957. [Russian. 79 spp., 32 forms.]
3101. MOROCHKOVSKIĬ (S. F.). (Materials for the fungus flora of the Streletsky steppe.) - Op. cit., 15, 2, pp. 88-95, 1958. [Russian.]
3102. MOROCHKOVSKIĬ (S. F.). (Materials on the mycoflora of the Mikhaïlovka virgin steppe reservation.) - Op. cit., 15, 3, pp. 74-82, 1958. [Ukrainian. All groups of microfungi but mostly rusts.]
3103. POSPELOV (A. G.), ZAPROMETOV (N. G.), & DOMASHEVA (Mme A. A.). (Fungal flora of the Kirgiz S.S.R. Part I.) - 129 pp., Kirgiz Academy of Science, Frunze, 1957. [Russian. 874 entries in all groups, 3 n. spp., 4 n. f.]
3104. PRÝSYAZHNYUK (A. A.). (Fungus flora in plantations of trees and shrubs.) - Ves. Akad. Nav., Minsk, Ser. Byal., 1958, 3, pp. 44-57, 1958. [Russian.]
3105. SINADSKI (Y. V.). (Diseases of trees and shrubs in the Kzui-Kum desert.) - Zashch. Rast., Moscow [Plant Prot., Moscow], 1958, 4, p. 54, 1958. [Russian.]
3106. SOLOMAKHINA (Mme V. M.). (Fungal diseases of the trunks and roots of trees in the west belt of Ukr. S.S.R.) - Zbirn. biol. Fac. Kiev Univ., 1957, 14, pp. 163-166, 1957. [Ukrainian.]
3107. VINOGRAD'SKA (Mme T. A.). (Fungal flora in fruitberry cultures in Borispil'ski district, Kiev region.) - Nauk. Schchorich. Kiev Univ. Ševčenko, 1956, pp. 798-799, 1956. [Ukrainian.]
3108. ZEROVA (Mme M. Y.). (Soil fungi in the steppes of Ukraine.) - Tez. Dokl. Soyuz bot. Obshch. Spor. Rast., 1957, 5, pp. 46-49, 1957. [Russian.]

AUSTRALASIA See also Nos. 3445-6, 3586, 3734-5

New Zealand See also Nos. 3567-8, 3587

3109. DI MENNA (MARGARET E.). Biological studies of some tussock-grassland soils. III. Yeasts. - N. Z. J. agric. Res., 1, 6, pp. 939-942, 1958.
3110. THORNTON (R. H.). Biological studies of some tussock-grassland soils II. Fungi. - N. Z. J. agric. Res., 1, 6, pp. 922-938, 1958.

Pacific Islands

3111. OLIVE (L. S.). The lower Basidiomycetes of Tahiti. I. - Bull. Torrey bot. Cl., 85, 1, pp. 5-27, 13 fig., 1958.

EUROPE

3112. GUYOT (L.), MASSENOT (M.), & MONTÉGUT (J.). Notes de pathologie végétale. - Ann. Epiphyt., 9, 1, pp. 55-75, 7 fig., 1958. [6 spp. Coniothyrium including C. nevadense and other fungi.]

Belgium

3113. DAMBLON (J.), DARIMONT (F.), & LAMBINON (J.). Contribution à l'étude de la flore mycologique de la haute et de la moyenne Belgique. 1956. - Lejeunia, 20 (1956), pp. 35-82, 19 fig., 1958.

British Isles See also Nos. 3447, 3455, 3564, 3659, 3804

3114. ANON. The Dublin foray. - Trans. Brit. mycol. Soc., 41, 3, pp. 387-391, 1958.
3115. BROWN (JULIET C.). Soil fungi of some British sand dunes in relation to soil type and succession. - J. Ecol., 46, 3, pp. 641-664, 1 fig., 1 map, 1958.
3116. DENNIS (R. W. G.). New British fungi. - Kew Bull., 1957, 3, pp. 399-404, 4 fig., 1958.
3117. HENDERSON (D. M.). Notes on the Scottish flora: Report of the cryptogamic section, 1957. - Trans. Bot. Soc. Edinb., 37, 3, pp. 224-225, 1958.
3118. HUDSON (H. J.) & WEBSTER (J.). Succession of fungi on decaying stems of *Agropyron repens*. - Trans. Brit. mycol. Soc., 41, 2, pp. 165-177, 1 fig., 15 graphs, 1958.
3119. HUTCHINSON (S. A.) & FAHIM (M.). The effects of fungi on the Gametophytes of *Pteridium aquilinum* (L.) Kühn. - Ann. Bot., Lond., N.S. 22, 85, pp. 117-126, 1958.
3120. JOHNSTONE (R. H.). Some records of Clydesdale fungi. - Glasg. Nat., 17 (1956), 6, p. 282, 1957.
3121. PUGH (G. J. H.). Leaf litter fungi found on *Carex paniculata* L. - Trans. Brit. mycol. Soc., 41, 2, pp. 185-195, 1 fig., 3 graphs, 1958.

Bulgaria See also No. 3048

3122. KHINKOVA (TSVETANA). (On the distribution of the higher fungi in East Rila.) - Bull. Inst. bot., Sofia, 6, pp. 131-162, 3 graph, 1958. [Bulgarian.]
3123. KHINKOVA (TSVETANA). (Floristic data for the fungus flora of East Rila.) - Bull. Inst. bot., Sofia, 6, pp. 411-430, 1958. [Bulgarian. Larger ascomycetes and basidiomycetes.]

Czechoslovakia

3124. ČÁBERA (A.). Příspěvek k mykofloře Humpolecka. - C. C. H. mycol. Sborn., 35, 1-4, pp. 11-20, 2 pl., 4 fig., 1958. [Mostly agarics.]
3125. FRANJO (J.). Indeks rastlinskih bolezni v Sloveniji. - Zborn. kmet. gozd., 1957, 3, pp. 39-86, 1957.
3126. HANUS (L.). (Mycological investigation of Donbrava.) - C. C. H. mykol. Sborn., 34, 1-2, pp. 13-14, 1957. [Czech.]
3127. HOFMAN (B.). Vzácnější micromycety z údolí 'Peklo' u Nového Města n. M. - Čes. Mykol., 12, 3, pp. 185-187, 4 fig., 1958. [4 spp.]

Denmark

3128. MÖLLER (F. H.). (Finds of fungi in Ryde Forest in Lolland.) - Flora og Fauna, 64, 2-3, pp. 75-84, 1958. [Danish.]

Faeroes

3129. MÖLLER (F. H.). Fungi of the Faeroes. Part II. Myxomycetes, Archimycetes, Phycomycetes, Ascomycetes and Fungi Imperfecti. - 286 pp., 1 col. pl., 161 fig., Appendix to Part I, Copenhagen, Ejnar Munksgaard, 1958. [12 pp. of refs.] Dan. Kr. 60.

Finland

3130. KARI (L. E.), [Ed.]. Fungi exsiccati fennici, Institutio Botanica Universitatis Turkuensis. - Ann. Univ. Åbo (Turku), Ser. A., 2, 23, pp. 1-195, 1 map, 1957. [500 spp. of Erysiphaceae, Fungi Imperfecti, Ustilaginales, & Uredinales.]
3131. SCHULMANN (O. von). Pilzstudien in Finnland. - Karstenia, 3, pp. 17-68, 1955.

3132. SCHULMANN (O. von). Ibid. II. - Op.cit., 4 (1957), pp. 27-62, 1958.

France

3133. ANON. Excursions de 1955. - Soc. mycol. Sarthe, (1955), 4, pp. 5-17, 1958.
3134. COUDERT (J.) & SAËZ (H.). Micromycetes de l'eau de Lyon. - Bull. mens. Soc. linn. Lyon, 27, 6, pp. 181-183, 1958.
3135. MANGENOT (F.). Micromycètes savoyards. - Bull. Soc. mycol. Fr., 74, 2, pp. 129-144, 6 fig., 1958. [2 n. spp. 1 of *Septoria* and 1 of *Ramularia*.]
3136. NICOT (J[ACQUELINE]). Remarques sur la mycoflore des sols sableux immergés à marée haute. - C.R. Acad. Sci., Paris, 246, 3, pp. 451-454, 1958.

Germany

3137. BUTIN (H.). Die blatt- und rindenbewohnenden Pilze der Pappel unter besonderer Berücksichtigung der Krankheitsreger. - 64 pp., 52 fig., 1957.
3138. SCHATTEBURG (G. A. F.). Die höheren Pilze des Unterweserraumes, Fundortskatalog, 1913-56, 457 pp., 1956.

Greece See No. 3231

Hungary

3139. TÓTH (S.). Adatok Magyarország mikroszkopikus gombáinak ismeretéhez I. - Bot. Közl., 45, 3-4, pp. 241-246, 1954.
3140. TÓTH (S.). Ibid. II. - Op.cit., 47, 1-2, pp. 55-61, 1957. [*Erysiphaceae* and *Uredinales*.]
3141. VASS (ANNA) & TÓTH (S.). Mikroszkópikus gombák a mecsek hegységéből. - Yearb. Janus Pannonius Múz. 1957, pp. 155-162, 1 pl., 1958. [62 spp.]
3142. VÖRÖS (J.). Fungi imperfecti aus Ungarn. I. - Sydowia, 11 (1957), 1-6, pp. 133-137, 1958. [*Phoma dipsacea*, *P. scabiosae*, *Stagonospora huszii* n. spp.]

Italy

3143. CIFERRI (R.). Osservazioni intorno a tre fungilli dell 'Olivio. - Sydowia, 11 (1957), 1-6, pp. 282-289, 1958. [*Hormiscium oleae* and *Melampsora oligospora* n. comb. with *Proteophiala* n. gen for its conidial state.]
3144. SAPPÀ (F.). La micoflora del terreno quale elemento delle comunità vegetali. - Allionia (Bol. Ist. Orto Bot. Univ. Torino), 2, 2, pp. 293-345, 6 fig., 5 graphs, 1955. [List of 44 spp.]

Netherlands

3145. REIJNDERS (W. J.). De paddestoelen van de Amsterdamse bakstenen grachtmuren. - Coolia, 5, 6, pp. 37-42, 2 fig., 1958.
3146. WILDERVANCK (L. S.). Afwijkende vormen van *Clavaria fistulosa*, *Leotia lubrica* en *Cordiceps ophioglossoides*. - Coolia, 4, 3, pp. 20-21, 3 fig., 1957.

Norway See No. 3448

Portugal See also No. 3555

3147. DOS SANTOS (Aniceta C.). Fungi Lusitaniae. XVII. - Publ. Dir. Serv. Flor. Açúic., Lisboa, 23, 1, pp. 107-121, 1 fig., 1956. [*Cryptosporella camarae* n. sp.]

Romania

3148. GEORGESCU (C. C.), ENE (M.), PETRESCU (M.), ȘTEFĂNESCU (M.), & MIRON (V.). Bolile și dăunători ai pădurilor. - 638 pp., 41 col. pl., 442 fig., Bucurest, Editura Agro-silvică de Stat, 1957.
3149. ȘĂVULESCU (OLGA) & ELIADE (EUGENIA). Cîteva micromicete noi pentru flora țării noastre. - Comun. Acad. Repub. rom., 7, 6, pp. 599-607, 5 fig., 1957. [9 spp., 5 new to Romania.]

3150. SILAGHI (G.). Cîteva macromicete noi pentru micoflora R.P.R. - Comun. Acad. Repub. rom., 7, 6, pp. 609-614, 1957. [2 Ascomycetes, 7 agarics new to Romania.]

Spain

3151. HENDERSON (D. M.). Spanish rust and smut fungi. - Notes roy. bot. Gdn Edinb., 22, (1955-58) 6, pp. 599-609, 7 fig., 1958. [Phragmidium sanguisorbae ssp. mediterraneum n. ssp.]

Sweden See Nos. 3270, 3485, 3844

Switzerland See also No. 3486

3152. MAYOR (E.). Catalogue des Péronosporales, Erysiphacées, Ustilaginales et Uredinales du Canton de Neuchâtel. - Mém. Soc. neuchâtel. Sci. nat., 9, 1, pp. 1-202, 1958.

3153. TERRIER (C.). Contribution à l'étude de la flore mycologique du Val d'Herens. - Bull. Murith., 75, pp. 35-40, 1958.

Yugoslavia See also No. 3274

3154. BLAGOJEVIĆ (M.). Biljni paraziti i štetočine u Hercegovini u toku 1954-1956 godine. - Plant Prot., Beograd, 1958, 45, pp. 57-65, 1958. [49 spp., all groups.]

3155. KRSTIĆ (M.). Nezabeležene fitopatološke pojave u rasadnicima i šumama Skbiije. - Plant Prot., Beograd, 1958, 45, pp. 75-79, 7 fig., 1958. [10 fungi imperfecti and 1 polypore.]

NORTH AMERICA

Canada See also Nos. 3270, 3650

3156. PARMELEE (J. A.). Some foliicolous fungi of the Pyrolaceae. - Canad. J. Bot., 36, 6, pp. 865-881, 2 pl., 1 fig., 1958. [Lophodermium pyrolae n. sp., Strasseria nigra n. sp., Colletotrichum pyrolae (Trel.) n. comb., and 17 other spp.]

3157. PETERSON (E. A.). Observations on fungi associated with plant roots. - Canad. J. Microbiol., 4, 3, pp. 257-265, 2 graphs, 1958.

Greenland

- LANGE (M.). Macromycetes. Part III. I Greenland Agaricales (Pars) Macromycetes caeteri. II Ecological and plant geographical studies. - Medd. Grønland, 148, 2, pp. 1-125, 32 fig., 1957. (Copenhagen, C. A. Reitzels. zokr.) [Basidiomycetes and Ascomycetes, including several n. spp., n. comb., etc.]

United States See also Nos. 3245, 3269, 3408, 3604, 3725-6

3159. COTTINGHAM (J. O.). Higher fungi of Marien County, Indiana VIII. - Proc. Ind. Acad. Sci., 66, (1956), p. 305, 1957.

3160. GILMAN (J. C.), TIFFANY (L[OIS] H.), & LICHTWARDT (R. H.). Fungi new to Iowa. - Proc. Iowa Acad. Sci., 64, pp. 85-92, 15 pl., 1957.

3161. GOLD (H. S.) & JOHNSON (T. W.). Distribution of estuarine Ascomycetes and Deuteromycetes. - Abs. in A. S. B. Bull., 5, 1, p. 8, 1958.

3162. GREENE (H. C.). Notes on Wisconsin parasitic fungi XXIII. - Trans. Wis. Acad. Sci. Arts Lett., 46, pp. 141-158, 1957. [N. spp. of Mycosphaerella, Elsinoe, Phyllosticta, Ascochyta, Cylindrosporium, and Cercospora.]

3163. JOHNSON (T. W.). Some lignicolous marine fungi from the North Carolina coast. - J. Elisha Mitchell sci. Soc., 74, 1, pp. 42-48, 57 fig., 1958. [7 spp. 1 n. gen. (Sphaeriales), 1 n. sp., 2 n. comb.]

3164. JØRSTAD (I.). Parasitic fungi, chiefly Uredinales, collected in the Rocky Mountains by Johannes Lid. - Nytt Mag. Bot., 6, pp. 141-153, 1 fig., 1958. [62 spp.]

3165. McKNIGHT (K. H.) & MUMFORD (D. L.). Fungal parasites on some Utah species of Portulacaceae. - Proc. Utah Acad. Sci., 35, (1957-1958), pp. 53-55, 1958. [Puccinia claytonicola, Ustilago calandriniae, and Physoderma claytoniana.]

3166. MILLER (J. H.), GIDDENS (J. E.), & FOSTER (A. A.). A survey of the fungi of forest and cultivated soils of Georgia. - Mycologia, 49 (1957), 6, pp. 779-808, 30 fig., 1958. [10 n. spp. of fungi imperfecti.]
3167. ROGERSON (C. T.). Kansas mycological notes 1955-56. - Trans. Kans. Acad. Sci., 60, 4, pp. 370-375, 1957. [23 new records for Kansas, all groups.]
3168. ROGERSON (C. T.). Ibid. 1957. - Op. cit., 61, 3, pp. 262-272, 1958.
3169. SHAW (C. G.). Host fungus index for the Pacific Northwest. 1. Hosts. - Sta. Circ. Wash. agric. Exp. Sta. 335, 127 pp., 1958.
3170. SHAW (C. G.). Ibid. 2. Fungi. - Op. cit., 336, 237 pp., 1958.
3171. SHEARER (R. C.) & MIELKE (J. L.). An annotated list of the diseases of Western Larch. - Res. Note Intmtn For. Exp. Sta. 53, 6 pp., 1958. [27 ref.]
3172. SPRAGUE (R.). Some leafspot fungi on western Gramineae. XI. - Mycologia, 49 (1957), 6, pp. 837-853, 2 fig., 1958. [Mycosphaerella clallamensis and Colletotrichum aquatilis n. spp. and 33 other spp.]
3173. SPRAGUE (R.). Some fungi on western species of Cyperaceae. - Res. Stud. St. Coll. Wash., 26, 2, pp. 74-84, 2 pl., 1958. [N. spp. Pseudosphaeria wallowaensis, Cyindrosporium scirpivora, Phyllostica olympica.]
3174. WELDEN (A. L.). Prodrum fungi ludoviciana. - J. Tenn. Acad. Sci., 33, 3, pp. 252-257, 1 fig., 1958. [Thelephoraceae, 10 spp.]

CENTRAL AMERICA & WEST INDIES See also Nos. 3487, 3711

3175. CASTELLANI (E.). Plant diseases of economic importance in the Dominican Republic. - F. A. O. Pl. Prot. Bull., 7, 3, pp. 33-36, 1958.
3176. LITZENBERGER (S. C.) & STEVENSON (J. A.). A preliminary list of Nicaraguan plant diseases. - Plant Dis. Repr., Suppl. 243, 19 pp., 1957. [Spanish version in Ceiba, 8, 1, pp. 19-39, 1959.]

SOUTH AMERICA See also Nos. 3303, 3444

Argentina See No. 3297

Bolivia See No. 3297

Brazil See also Nos. 3233, 3351

3177. ALECRIM (I. Da C.). Taxonomy of some atmospheric fungi. - Rev. bras. Chim., 44, 263, p. 402, 1957. [Portuguese.]
3178. FIDALGO (O.) & FIDALGO (MARIA E. P. K.). Revisão de fungi S. Paulense coletados por A. Puttemans. - Arq. Mus. Rio de Janeiro, 43, pp. 157-188, 1957.
3179. MARTIN (G. W.) et al. The Machris Brazilian Expedition. Botany: Fungi. - Los Angeles Mus. Contr. Sci., 24, pp. 1-7, 1958.

Chile

3180. MUJICA (F.). Determinaciones micológicas IX. - Agricultura Téc., Santiago, 17, 2, pp. 106-107, 1957. [6 spp.]

Venezuela See No. 3240

NOMENCLATURE

3181. DEIGHTON (F. C.). In Nomenclature proposals for the Montreal Congress. XVI. Nomenclature proposals by British botanists. Reference to the basionym. Indication of Type. Orthography. - Taxon, 7, 9, pp. 263-264; pp. 264-265; pp. 268-270, 1958.
3182. GOLOVIN (P. N.). (The species as a complex taxonomic unit of fungi.) - Vestn. Leningr. Univ., Ser. Biol., 2, 9, pp. 14-24, 1958. [Russian.]

3183. GOULD (S.W.). Punched cards, binomial names and numbers. - Amer. J. Bot., 45, 4, pp. 331-339, 1958.
3184. HEIM (R.). Propos sur la nomenclature. - Rev. Mycol., Paris, 23, 1, pp. 127-135, 1958. [Criticizes contemporary nomenclature and the Rules.]
3185. JØRSTAD (I.). Nomenclature notes, chiefly on Uredinales. - Nytt. Mag. Bot., 6, pp. 135-140, 1958.
3186. KERN (H.). B. Systemlehre und Pflanzengeographie. 5a. Systematik und Stammesgeschichte der Pilze. - Fortschr. Bot. Berl., 14, pp. 86-98, 6 fig., 1953.
3187. KERN (H.). 5b. Systematik und Stammesgeschichte der Pilze. - Op. cit., 19, pp. 64-69, 1957.
3188. KOBAYASHI (Y.). Nomenclatural types. - Trans. mycol. Soc. Japan, 2, pp. 1-3, 1956. [Japanese.]
3189. MARTIN (G.W.). Mycological taxonomy as related to practical problems in microbiology. - Mycologia, 50, 1, pp. 97-102, 1958.
3190. PESANTE (A.). A proposito dell' iniziale maiuscola negli epiteti specifici. - Allionia, 4, pp. 19-24, 1958. [Rejection of Rec. 82G recommended.]
3191. ROGERS (D.P.). The philosophy of Taxonomy. - Mycologia, 50, 3, pp. 326-332, 1958.
3192. ŠUBRAMANIAN (C.V.). Taxonomy of Fungi. - Mem. Indian bot. Soc., 1, pp. 43-51, 1958.

OBITUARIES

3193. HEIM (R.). André Maublanc (1880-1958). - Rev. Mycol., Paris, 23, 3, pp. 368-369, 1958.
3194. McCLUNG (N.M.). A. J. Mix. - Mycologia, 50, 3, pp. 315-325, Portrait, 1958.
3195. MÉZIÈRES (A.). Un médecin-mycologue: Maurice Potron (1877-1957). - Bull. Soc. Mycol. Fr., 73, (1957), 4, pp. 354-360, portrait, 1958.
3196. PETRAK (F.). Richard Picbauer. 1886-1955. - Sydowia, 11 (1957), 1-6, pp. 18-26, 1 pl., 1958.
3197. PETRAK (F.). Cornelius Lott Shear. 1865-1956. - Op. cit., pp. 1-17, 1 pl., 1958.
3198. PILÁT (A.). Za mistrein Ottou Ušákem. - Čes. Mykol., 12, 1, pp. 1-3, 1 fig., 1958.
3199. VAN NIEL (C.B.). In memoriam Prof. Dr. Ir A. J. Kluyver. - Leeuwenhoek J. Microbiol. Serol. (formerly Leeuwenhoek ned. Tijdschr.), 22, 3, pp. 209-217, 1 fig., 1956.

ACTINOMYCETALES

3200. ALIKHANYAN (S.I.) & MINDLIN (S.Z.). (Hybridization of Actinomycetes.) - Bull. Acad. Sci. U.S.S.R. Sér. biol., 1958, 4, pp. 416-421, 1 fig., 1958. [A. rimosus. Russian, with English summary.]
3201. BALDACCI (E.), BALDUZZI (P.), & AMICI (A.M.). Observations on some Actinomyces isolated from soil samples from Israel, and their morphology under electronic microscopy. - Bull. Res. Coun. Israel, Sect. D, 5, 4, pp. 263-272, 10 fig., 1957.
3202. BRAENDLE (D.H.). Cytology and genetics of Streptomyces. - Diss. Abstr., 17, 11, p. 2377, 1958.
3203. COMBES (R.), KAUFFMANN (J.), & VAZART (B.). Sur un Nocardia africain producteur d'éléments coccoïdes à pigment noir. Structure des colonies du Nocardia ivorensis. - C. R. Acad. Sci., Paris, 244, 7, pp. 821-824, 2 fig.; 12, pp. 1582-1587, 5 fig., 1 diag., 1957.
3204. COUCH (J.N.). Taxonomic criteria in Actinoplanaceae. - Abs. in J. Elisha Mitchell sci. Soc., 74, 2, pp. 95, 1958.
3205. CUMMINS (C.S.) & HARRIS (H.). Studies on the cell-wall composition and taxonomy of Actinomycetales and related groups. - J. gen. Microbiol., 18, 1, pp. 173-189, 1958.

3206. EMOTO (Y.). (The Myxomycetes found in the Tokyo University Forest in Chichibu.). - Misc. Inform. Tokyo Univ. For., 12, pp. 27-35, 1957. [Japanese.]
3207. ETTLINGER (L.), CORBAZ (R.), & HÜTTER (R.). Zur Systematik der Actinomyceten -- 4. Eine Arzteilung der Gattung Streptomyces Waksman et Henrici. - Arch. Mikrobiol., 31, 2. pp. 326-358, 11 fig., 1958. [8 new spp.]
3208. ETTLINGER (L.), CORBAZ (R.), & HÜTTER (R.). Zur Arzteilung der Gattung Streptomyces Waksman et Henrici. - Experientia, 14, 9, pp. 334-335, 1958.
3209. GAUZE (G. F. ed.). (Problems in classification of Actinomycetes antagonists.) - Medgiz, Moscow, 206 pp., 1957. [Russian.]
3210. HENSSEN (A.). Beiträge zur Morphologie und Systematik der thermophilen Actinomyceten. - Arch. Mikrobiol., 26, 4, pp. 373-414, 41 fig., 1958.
3211. HORVATH (J.). (Problems of speciation in Streptomyces) - Agrártud. egy. Agron. Kar. Kiad., 4, 5, 11 pp., 1957. [Hungarian.]
3212. KINOSHITA (S.) & ITAGAKI (S.). Studies on the nucleus of the spore in Streptomyces Part I. Observations on the nuclear substance of the spore in Streptomyces which belong to A group. - Bot. Mag., Tokyo, 71, 844, pp. 335-342, 4 fig., 1958.
3213. MORAIS (J. O. F. de), LIMA (O. G. de), & MAIA (MARIA H. D.). Novo estudo sobre Nocardia recifei Lima et al. e sua designação como Streptomyces recifensis. - An. Soc. Biol. Pernambuco, 15, 1, pp. 239-253, 3 pl., 1957.
3214. NIKITINA (Mme N. I.) & KORENYAKO (A. I.). (Identification of Actinomyces streptomycini.) - Bull. Acad. Sci. U. S. S. R., Ser. biol., 1958, 4, pp. 422-429, 1 fig., 1958. [Russian, with English summary.]
3215. PFENNIG (N.). Untersuchungen über extracelluläre Schleims-substanzen von Streptomyces spec. - Arch. Mikrobiol., 29, 1, pp. 90-100, 1 graph, 1958.
3216. PRIDHAM (T. G.), HESSELTINE (C. W.), & BENEDICT (R. G.). A guide for selection of groups of Streptomyces for taxonomic study -- placement of strains in morphological sections. - Proc. Amer. Soc. Bact., 57, 44 pp., 1957.
3217. SÁNCHEZ-MARROQUÍN (A.). Streptomyces lavendulae and Streptomyces venezuelae. - J. Bact., 75, 4, pp. 383-389, 2 fig., 1958.
3218. SHINOBU (R.). On Streptomyces spiroverticillatus nov. sp. - Bot. Mag., Tokyo, 71, 837, pp. 87-93, 5 fig., 1958.
3219. SOHLER (A.). Comparative biochemical studies of the cell walls of the Actinomycetales. - Diss. Abstr., 17, 11, p. 2410, 1958.
3220. WODEHOUSE (R. P.) & BACKUS (E. J.). Gel diffusion as an aid to Streptomyces taxonomy: preliminary studies. - Proc. Amer. Soc. Bact., 57, pp. 43-44, 1957.
3221. YEN (H. C.). (Description of Actinomyces II.) - K'ê Hsüeh T'ung Pao (Scientia), 1957, 7, pp. 208-209, 1957. [Chinese.]
3222. YEN (H. C.). Ibid. IV. - Op. cit., 1957, 15, pp. 474-475, 1957. [Chinese.]
3223. YEN (H. C.) & CHANG (K. W.). (Actinomyces fradii and Actinomyces longissimus.) - Op. cit., 7, pp. 534-535, 1957. [Chinese.]
3224. YEN (H. C.) & CHANG (K. W.). (Supplementary description of Actinomyces nigrificans.) - Op. cit., 8, p. 242, 1957. [Chinese.]

ACRASIALES

3225. RAPER (K. B.) & QUINLAN (MILDRED S.). Acyostelium leptosomum: a unique cellular slime mould with an acellular stalk. - J. gen. Microbiol., 18, 1, pp. 16-32, 5 pl., 1958. [N. gen., n. sp.]

PLASMIDIOPHORALES

3226. FELDMANN (GENEVIEVE). Une nouvelle espèce de Plasmodiophorale parasite du Triglochin maritimum L.: *Plasmodiophora maritima* nov. sp. - Rev.gén.Bot., 65, 777, pp. 634-650, 6 pl., 9 fig., 1958.
3227. MILLER (C. E.). Morphology and cytology of the zoosporangia and cytosori of *Sorosphaera veronicae*. - J.Elisha Mitchell sci.Soc., 74, 1, pp. 49-64, 62 fig., 1958.

ECCRINALES

3228. CRONIN (EUNICE T.) & JOHNSON (T.W.). A halophilic Enterobryus in the male crab *Emerita talpoida* Say. - J.Elisha Mitchell sci.Soc., 74, 2, pp.167-172, 1958.
3229. LICHTWARDT (R.W.). An Enterobryus from the milliped *Boraria carolina* (Chamberlin). - Mycologia, 50, 4, pp. 550-561, 20 fig., 1958. [*E. borariae* n.sp.]

MYXOMYCETES

3230. AGNIHOTHRUDU (V.). Notes on fungi from north-east India. II. An undescribed Myxomycete from Assam. - J.Indian bot.Soc., 37, 4, pp. 499-503, 7 fig., 1958. [*Arcyria assamica*.]
3231. ALEXOPOULOS (C.J.). Three new species of Myxomycetes from Greece. - Mycologia, 50, 1, pp. 52-56, 5 fig., 1958.
3232. FARR (MARIE L.). Taxonomic studies in the Myxomycetes. I. The *Trichia favoginea* complex. - Mycologia, 50, 3, pp. 357-369, 18 fig., 1958.
3233. FARR (MARIE L.) & MARTIN (G.W.). Two new Myxomycetes from Brazil. - *Broteria*, Sér. Cienc.nat., 27, 4, pp. 153-158, 2 fig., 1958. [*Arcyria corymbosa*, *Stemonitis brasiliensis*. Also published as Publ.Inst.micol.Univ.Recife 151.]
3234. GOLOVENKO (I.N.). (Myxomycetes on Tianshan Fir.) - Uchen.Zap.Kazakh.Univ., 29, pp. 95-102, 1957. [Russian.]
3235. JENKO (M.). O Rlenkách (Myxomycophyta). - C.C.H.mykol Sborn., 34, 3-6, pp. 34-36, 1957-8.
3236. MARTIN (G.W.). The contribution of de Bary to our knowledge of Myxomycetes. - Proc.Iowa Acad.Sci., 65, pp. 122-127, 1958.
3237. McMANUS (MARY A.). In vivo studies of plasmogamy in *Ceratiomyxa*. - Bull.Torrey bot.Cl., 85, 1, pp. 28-37, 31 fig., 1958.
3238. NANNENGA-BREMEKAMP (N.E.). Notes on Myxomycetes. I. Some remarks on the genus *Reticularia* Bull. emend.Rost. - Acta bot.neerl., 7, 5, pp. 769-779, 5 fig., 1958. [4 spp., 1 new and 1 n.var. Also published as Med.bot.Mus.RijksUniv.Utrecht, 149.]
3239. NANNENGA-BREMEKAMP (N.E.). Ibid. II. A new *Didymium*, a new *Physarum* and a new variety of *Badhamia lilacina* (Fr.) Rost. - Op.cit., 7, 5, pp. 780-785, 3 fig., 1958. [Also published as Med.bot.Mus.RijksUniv.Utrecht, 150.]
3240. RODRÍGUEZ (G.). Nuevas adiciones a los Myxomycetes de Venezuela. - Acta biol.venez., 2, 13, pp.135-138, 1957. [9 spp.]
3241. ROSS (I.K.). Capillitial formation in the *Stemonitaceae*. - Mycologia, 49 (1957), 6, pp. 809-819, 16 fig., 1958.
3242. THIND (K.S.), SOHI (H.S.), & MANOCHA (M.S.). The Myxomycetes of the Mussoorie Hills. - VI. - Res.Bull.Panjab Univ. 102, pp. 229-240, 2 pl., 8 fig., 1957. [8 spp.]

PHYCOMYCETES

3243. CHAUDHURI (H.). A handbook of Indian Water Moulds. Part 1. - 6 + 70 pp., 34 fig., University of Panjab, Lahore, 1947. 4 Rs.
3244. CIFERRI (R.). Reidentification of *Coccidioides periplanetae*. - Mycopathologia, 9, 3, p. 206, 1958. [= *Coelosporidium periplanctae* and *C. blatellae*.]

3245. POITRAS (A.W.). Occurrence and importance of certain aquatic Phycomycetes in Alabama. - J. Ala. Acad. Sci., 29, p. 84, 1957.

CHYTRIDIALES

3246. KARLING (J.S.). *Synchytrium fulgens* Schroeter. - Mycologia, 50, 3, pp. 373-375, 1958.
3247. KARLING (J.S.). *Synchytrium callirrhoeae* sp. nov. - Amer. J. Bot., 45, 4, pp. 327-330, 26 fig., 1958. [Should be *S. callirrhoeae*.]
3248. KOCH (W.J.). Studies of the motile cells of chytrids. II. Internal structure of the body observed with light microscopy. - Op. cit., 45, 1, pp. 59-72, 143 fig., 1958.
3249. KOLE (A.P.). Elektronenmikroskopische waarnemingen over de zoosporangien uit de zomer-sporangia van *Synchytrium endobioticum* (Schilb.) Perc. - Tijdschr. Plziekt., 63, pp. 361-364, 4 fig., 1957. [Reprinted as Meded. Lab. Phytopath., Wageningen 175.]
3250. KOMÁREK (J.). *Coenomyces consuens* Deckenb. v Albánii. - Česk. Mykol., 12, 2, pp. 110-113, 5 fig., 1958.
3251. LINGAPPA (B.T.). Sexuality in *Synchytrium brownii* Karling. - Mycologia, 50, 4, pp. 524-537, 78 fig., 1958.
3252. LINGAPPA (B.T.). Development and cytology of the evanescent prosori of *Synchytrium brownii* Karling. - Amer. J. Bot., 45, 2, pp. 116-123, 57 fig., 1958.
3253. LINGAPPA (B.T.). The cytology of development and germination of resting spores of *Synchytrium brownii*. - Op. cit., 45, 8, pp. 613-620, 56 fig., 1958.
3254. LINGAPPA (YAMUNA). The life history, development, sexuality and host range of *Physoderma pulposum* (Wallr.) Karling. - Diss. Abstr., 18, 6, p. 1949, 1958.
3255. LINGAPPA (YAMUNA). *Physoderma pulposum*. - Mycologia, 50, 1, pp. 80-84, 5 figs., 1958.
3256. PATERSON (R.A.). Parasitic and saprophytic Phycomycetes which invade planktonic organisms. I. New taxa and records of chytridiaceous fungi. - Op. cit., 50, 1, pp. 85-96, 2 fig., 1958.
3257. PATERSON (R.A.). Ibid. II. A new species of *Dangeardia* with notes on other lacustrine fungi. - Op. cit., 50, 4, pp. 453-468, 27 fig., 1958. [Mostly chytrids.]
3258. PATERSON (R.A.). A contribution to the limnology and mycology of the phycomycetes which invade planktonic organisms. - Diss. Abstr., 18, 4, p. 1231, 1958. [Chytrids.]
3259. PATERSON (R.A.). On the planktonic chytrids *Zygorhizidium melosirae* Canter and *Z. planktonicum* Canter. - Trans. Brit. mycol. Soc., 41, 4, pp. 457-460, 1 fig., 1958.
3260. SCHOLZ (E.). Über morphologische modifikationen bei niederen Erdphycomyceten und Beschreibung zweier neuer Arten von *Rhizophydium* und *Thraustochytrium*. - Arch. mikrobiol., 29, 4, pp. 354-362, 4 fig., 1958. [*R. patellarium*, *T. pachydermum*.]
3261. SCHOLZ (E.). Über niedere Phycomyceten aus Salzböden und ihr Verhalten in Salzlösungen. - Op. cit., 30, 2, pp. 119-146, 6 graphs, 1958. [21 spp.]
3262. TOMLINSON (J.A.). Crook root of Watercress. III. The causal organism *Spongopora subterranea* (Wallr.) Lagerh. f. sp. nov. - Trans. Brit. mycol. Soc., 41, 4, pp. 491-498, 1 pl., 4 fig., 1958.
3263. WILLOUGHBY (L.G.). Studies on soil chytrids. III. On *Karlingia rosea* Johanson and a multi-operculate chytrid parasitic on *Mucor*. - Op. cit., 41, 3, pp. 309-319, 1 pl., 4 fig., 1958.

BLASTOCLADIALES

3264. CANTINO (E.C.) & HORENSTEIN (E.A.). The stimulatory effect of light upon growth and CO₂ fixation in *Blastocladiella*. II. Mechanism at an organismal level of integration. - Mycologia, 49, (1957), 6, pp. 892-894, 3 graphs, 1958.
3265. FOLEY (JEAN M.). The occurrence, characteristics and genetic behaviour of albino gametophytes in *Allomyces*. - Amer. J. Bot., 45, 8, pp. 639-648, 9 fig., 2 graphs, 1958.

LAGENIDIALES, MONOBLEPHARIDALES, SAPROLEGNIALES

3266. JOHNSON (T. W.). A fungus parasite in ova of the barnacle *Chthamalus fragilis denticulata*. - *Biol. Bull.*, 114, 2, pp. 205-214, 1958. [*Lagenidium chthamalophilum*.]
3267. PERROTT (ELIZABETH). Isolation and pure culture of *Monoblepharis*. - *Nature, Lond.*, 182, 4645, pp. 1322-1324, 3 fig., 1958.
3268. VISHNIAC (HELEN S.). A new marine phycomycete. - *Mycologia*, 50, 1, pp. 66-79, 8 fig., 1958. [*Haliphthoraceae* n. fam., *Haliphthoros milfordensis* n. gen., n. sp. *Atkinsiella* n. gen., *A. dubia* n. comb. based on *Plectospira dubia*.]
3269. ZIEGLER (A. W.). New water molds from Florida. - *Mycologia*, 50, 3, pp. 403-406, 16 fig., 1958. [*Achlya mucronata* sp. nov. *Brevignia globosa* sp. nov.]

PERONOSPORALES

3270. GUSTAVSSON (A.). New records for *Peronospora camelinae* Gäm. in Canada and Sweden. - *Bot. Notiser*, 111, 1, pp. 200-208, 1 fig., 1958.
3271. HEIM (PANCA). Observations sur la reproduction sexuelle de *Basidiophora entospora* Roze et Cornu, parasite des feuilles d'*Erigeron canadensis* L., et d'autres *Peronosporacées*. - *C.R. Acad. Sci., Paris*, 246, 19, pp. 2787-2790, 1958.
3272. KAUFMANN (M. J.) & GERDEMANN (J. W.). Root and stem rot of Soybean caused by *Phytophthora sojae* n. sp. - *Phytopathology*, 48, 4, pp. 201-208, 1 fig., 1958.
3273. LINDTNER (V.). Sur quelques nouvelles et rares *Péronosporacées* de Serbie. - *Annu. Inst. Biol. Sarajevo*, 9, 1-2, pp. 123-130, 6 fig., 1956.
3274. LINDTNER (V.). (*Peronosporaceae* of Jugoslavia.) - *Glasn. Muz. srpsk. Zeml.*, Ser. B, 9, pp. 1-153, 8 fig., 1957.
3275. WATERHOUSE (GRACE M.). The invalidity of the genus *Pythiomorpha*. II. - *Trans. Brit. mycol. Soc.*, 41, 2, pp. 196-202, 1958. [*Phytophthora oryzae* comb. nov.]

MUCORALES

3276. AGNIHOTHRUDU (V.). Fungi isolated from rhizosphere - III. - *J. Indian bot. Soc.*, 36, 4, pp. 486-490, 3 fig., 1957. [13 spp. *Mucorales*.]
3277. BENJAMIN (R. K.). Sexuality of the Kickxellaceae. - *Aliso*, 4, pp. 149-169, 1958.
3278. BAKERSPIGEL (A.). The structure and mode of division of the nuclei in the vegetative spores and hyphae of *Endogone sphagnophila* Atk. - *Amer. J. Bot.*, 45, 5, pp. 404-410, 45 fig., 1958.
3279. BLANK (F.). Note on the chemical composition of the cell wall of *Haplosporangium parvum*. - *J. Histochem. Cytochem.*, 5, 5, pp. 500-502, 1957.
3280. GLADTKE (E.) & BRUCKER (W.). Über die Ansäuerung der Nährflüssigkeit durch *Phycomyces blakesleeanus*. - *Arch. Mikrobiol.*, 29, 1, pp. 53-64, 7 graphs, 1958.
3281. HESSELTINE (C. W.). The genus *Syzygites* (*Mucoraceae*). - *Lloydia*, 20 (1957), pp. 228-237, 1958.
3282. INDOH (H.). (*Syncephalis* and *Coemansia*) - *Trans. mycol. Soc. Japan*, 2, pp. 5-6, 1956. [Japanese.]
3283. KOCKOVÁ-KRATOCHVÍLOVÁ (ANNA) & PALKOSKA (V.). A taxonomic study of the genus *Rhizopus* Ehrenberg 1820. - *Preslia*, 30, 2, pp. 150-164, 2 pl., 1958. [5 spp.]
3284. LINNEMANN (GERMAINE). Untersuchungen zur Verbreitung und Systematik der *Mortierellen*. - *Arch. mikrobiol.*, 30, 3, pp. 256-267, 3 fig., 1958. [16 spp. including *M. schmuckeri*, *M. claussenii* n. spp., *M. hygrophilus* var. *rosularis* n. var.]
3285. LYTGOE (J. N.). Taxonomic notes on the genera *Helicostylum* and *Chaetostylum* (*Mucoraceae*). - *Trans. Brit. mycol. Soc.*, 41, 4, pp. 135-141, 3 fig., 1958.
3286. RENNER (O.) & MUSKAT (J.). Über zwei neue Arten von *Absidia* aus Tunesien, *A. parricida* und *A. tuneta*. - *Planta*, 51, pp. 786-802, 22 fig., 1958.

3287. RUDOLPH (H.). Entwicklungsphysiologische untersuchungen an den sporangioophoren von *Phycomyces blakesleeana*. - *Biol. Zbl.*, 77, 4, pp. 385-437, 30 fig., 3 diag., 15 graphs, 1958. [German.]
3288. SHVARTSMAN (S. P.). (On a new fungus *Coemansia almaatensis* S. Schwarzman sp. nov.) - *Uchen. Zap. Kazakh. Univ.*, 29, pp. 83-93, 1957. [Russian.]

ENTOMOPHTHORALES

3289. DRECHSLER (C.). Formation of sporangia from conidia and hyphal segments in an Indonesian *Basidiobolus*. - *Amer. J. Bot.*, 45, 8, pp. 632-638, 111 fig., 1958.
3290. DRING (VIVIENNE J.). *Conidiobolus rhyosporus* Drechsler in Great Britain. - *Trans. Brit. mycol. Soc.*, 41, 1, pp. 52-54, 1 fig., 1958.
3291. JONES (F. R.). Three Zoopagales from brackish water. - *Nature, Lond.*, 181, 4608, pp. 575-576, 1958.
3292. ZEROVA (Mme M. Y.). (*Empusa aulicae* Reich. agent of an epizootic of the Caterpillars of *Euproctis chrysorrhoea* L. in the Ukraine.) - *J. Bot. Acad. Sci. Ukr.*, 15, 4, pp. 94-96, 3 fig., 1958, [Russian.]

ASCOMYCETES

3293. AGNIHOTHRUDU (V.). Fungi isolated from rhizosphere - IV. - *J. Indian bot. Soc.*, 37, 3, pp. 422-431, 44 fig., 1958. [Ascomycetes.]
3294. BATISTA (A. C.), COSTA (C. A. A.), & MAIA (H. da S.). Novas diagnoses de fungos Stephanothecaceae e Stigmataceae. - *An. Soc. Biol. Pernambuco*, 15, 2, pp. 479-487, 2 pl., 4 fig., 1957. [*Pycnodermellina occulta* n. gen., n. sp. Bat. & Maia, *Parastigmata asiatica* Bat. & Costa, *Stigmatodothis caseariae* Bat. & Costa n. spp. *Publ. Inst. Micol. Recife* 87.]
3295. BATISTA (A. C.), NASCIMENTO (M. L.), & COSTA (C. A. A.). Ascomycetos de interêsse para a Fitopatologia. - *Rev. Agric., Recife*, 1, 1, pp. 9-13, 7 fig., 1958. [*Ceratostoma mexicanensis*, *Melanospora bromelifoliae*, *Rhopographus caseriae* n. spp.]
3296. BATISTA (A. C.) & VITAL (A. F.). Recentes estudos sobre antigos ou novos Ascomycetes. - *An. Soc. Biol. Pernambuco*, 15, 2, pp. 489-505, 5 pl., 7 fig., 1957. [*Peroschaeta artocarpi* n. gen. n. sp., 3 n. combs, and 1 n. var. *Publ. Inst. Micol. Recife* 88.]
3297. DENNIS (R. W. G.). Ascomycetes collected by Dr. R. Singer in Bolivia and North Argentina. - *Kew Bull.*, 1958, 1, pp. 151-154, 1958. [34 spp. including *Rutstroemia bertholletiae* n. sp. and *Xylosphaera aemulans* n. comb.]
3298. HARA (K.). Ascomycetes on Bamboo, I. - *Trans. mycol. Soc. Japan* 3, pp. 1-5, 1957. [Japanese. 1 n. sp., 1 n. comb., 1 n. nom.]
3299. HARA (K.). Ibid, II. - *Op. cit.*, 4, pp. 3-7, 1957. [Japanese.]
3300. HARA (K.). Ibid, III. - *Op. cit.*, 5, pp. 4-7, 1957. [Japanese. 1 n. nom.]
3301. MÜLLER (E.). Pilze aus dem Himalaya I. - *Sydowia*, 11 (1957), 1-6, pp. 454-472, 10 fig., 1958. [10 n. spp.]
3302. PETRAK (F.). Mykologische Bemerkungen. - *Op. cit.*, 11 (1957), 1-6, pp. 337-353, 1958. [14 n. comb., 1 n. sp., 2 n. nom.]

PYRENOMYCETES

3303. ARX (J. A. von). Über einige Ascomyceten aus Sudamerika. - *Acta bot. neerl.*, 7, 3, pp. 503-518, 9 fig., 1958. [Dothideales and Sphaeriales; 10 n. comb., 1 n. sp.]
3304. SVRČEK (M.). Nové nebo vzácnější československé tvrdohouby. - *Čes. Mykol.*, 12, 3, pp. 143-150, 1 fig., 1958. [23 spp.]
3305. TONOLO (A.). Ricerche culturali su alcuni generi di Pirenomiceti. - *R. C. Ist. sup. Sanit.*, 20, 9-10, pp. 848-856, 1957. [*Hypoxyton fuscum*, *Valsa ceratophora*, etc., are described.]

ENDOMYCETALES (see also Fungi Imperfecti, Yeasts)

3306. BALBUISHEV (I. N.). (Weeping in plants.) - Nature, Moscow, 1958, 5, pp. 114-115, 1958. [Russian. *Endomyces vernalis*.]
3307. BROCK (T. D.). Studies on the metabolism of the yeast, *Hansenula anomala* (Hansen) Sydow. - Diss. Abstr., 17, 11, pp. 2392-2393, 1958.
3308. CAPRIOTTI (A.). *Torulaspora nilssonii* nov. spec. A new yeast from Swedish soils. - Arch. Mikrobiol., 28, 3, pp. 247-254, 6 fig., 1958.
3309. CAPRIOTTI (A.). Neue Hefen, isoliert aus Böden Spaniens II: *Torulaspora franciscæ* nov. spec. - Op. cit., 28, 4, pp. 338-343, 4 fig., 1958.
3310. CAPRIOTTI (A.). *Debaryomyces castellii* nov. spec. Eine neue Hefe aus Boden Schwedens. - Op. cit., 28, 4, pp. 344-348, 5 fig., 1958.
3311. CAPRIOTTI (A.). *Torulopsis wickerhamii* nova species. A new yeast from silage. - Op. cit., 30, 4, pp. 383-386, 1 fig., 1958.
3312. CAPRIOTTI (A.). *Zygosaccharomyces mrakii* nova species. A new yeast from silage. - Op. cit., 30, 4, pp. 387-392, 4 fig., 1958.
3313. CAPRIOTTI (A.). *Saccharomyces smittii* nov. spec. a new yeast isolated from Dutch, Italian and Swedish soils. - Leeuwenhoek J. Microbiol. Serol., 24, 3-4, pp. 215-220, 1 fig., 1958.
3314. DE ERÉZCANO DE PASTORIZA (AMELIA E.). Influencia del medio de cultivo sobre la esporulación de algunas levaduras. - Rev. Invest. agric., 12, 4, pp. 353-377, 1958.
3315. FRÁGNER (P.). *Endomyces lactis* Windich 1951 (*Geotrichum candidum* Link 1809, *Oospora lactis* (Fresen. 1852) Sacc. 1886). - Čes. Mykol., 12, 3, pp. 157-162, 1958.
3316. GILLILAND (R. B.). Maltotriose fermentation in the species differentiation of *Saccharomyces*. - Op. cit., 26, 1-25, pp. 139-148, 1956. [32 spp. tested.]
3317. HJORT (A.). Notes on *Saccharomyces rouxii* Boutroux and other yeasts with special regard to their life cycles. - C. R. Trav. Lab. Carlsberg, 26, 12, pp. 161-181, illus., 1956.
3318. KÄRBER (MARLEEN). Untersuchungen über die granulären Einschlüsse der Hefezelle. - Arch. Mikrobiol., 29, 1, pp. 65-89, 1958.
3319. KONONENKO (E. V.). (On soil yeasts of the genus *Lipomyces*.) - Microbiology, Moscow, 27, 5, pp. 605-610, 1 pl., 1958. [Russian.]
3320. KOSIKOV (K. V.). (Distant hybridization of yeast. I. Obtaining hybrids between *Saccharomyces cerevisiae* (race XI) and *Schizosaccharomyces pombe*.) - Op. cit., 25, 3, pp. 275-278, 1 fig., 1956. [Russian.]
3321. KOSIKOV (K. V.). Ibid. (II. Obtaining hybrids between *S. cerevisiae* (race XII) and *S. pombe* by means of cell copulation.) - Op. cit., 25, 4, pp. 420-422, 1 pl., 2 graphs, 1956. [Russian.]
3322. KOSIKOV (K. V.). Ibid. (III. Obtaining hybrids between *S. cerevisiae* (race XII) and *S. pombe* by means of copulation of germinating spores.) - Op. cit., 25, 5, pp. 533-536, 2 pl., 1 graph, 1956. [Russian.]
3323. KREGER-VAN RIJ (N. J. W.). The relationship between *Saccharomyces telluris* and *Candida bovina*. - Leeuwenhoek J. Microbiol. Serol., 24, 2, pp. 137-144, 1958. [Perfect and imp. states of one fungus.]
3324. KUDRYAVTSEV (V. I.). (The meaning of systematization for the selection of micro-organisms.) - Microbiology, Moscow, 24, 6, pp. 665-670, 1955. [Suggests reducing yeasts of the genus *Saccharomyces* to 18 species.]
3325. KURAISHI (H.). *Pichia megalospora* nov. spec., a new yeast from decomposing mushrooms. - Sic. Rep. Tohoku Univ., Ser. 4, 24, 3, pp. 109-111, 2 fig., 1958.
3326. MAZILKIN (I. A.). (The soil fungus *Lipomyces* and its occurrence in the soils of Yakutia.) - Microbiology, Moscow, 26, 4, pp. 477-480, 1957. [Russian.]
3327. KAWAKAMI (N.) & NEHIRA (T.). Electron-microscopy of fungi (VI). Sporulation and germination of *Endomycopsis capsularis*. - Trans. mycol. Soc. Japan 9, pp. 3-5, 1 pl., 1958.

3328. TSUCHIYA (T.), FUKAZAWA (Y.), HAYASHI (J.), NISHIKAWA (Y.), & DOI (M.). Serological classification of the genus *Hansenula*. - Jap. J. Microbiol., 1, 4, pp. 339-346, 1957.
3329. PACK (M. Y.). Sporogenous wild yeasts with special reference to the sporulation of *Hansenula saturnus*. - Sci. Rep. Tôhoku Univ., 4th Ser., 24, 2, pp. 63-72, 1 graph, 1958.
3330. PAPPAGIANIS (D.) & PHAFF (H. J.). Delayed fermentation of sucrose by certain haploid species of *Saccharomyces*. - Leeuwenhoek J. Microbiol. Serol., 22, 4, pp. 353-370, 4 graphs, 1956.
3331. PARLE (J. N.). The growth of *Saccharomycopsis guttulata*. - Op. cit., 22, 3, pp. 237-242, 3 fig., 1956.
3332. SANTA MARÍA (J.). Polyploidy in yeasts. - Nature, Lond., 181, 4625, p. 1740, 3 fig., 1958. [*Saccharomyces cerevisiae*.]
3333. SATO (I.). Studies on the classification of the genus *Saccharomyces*. Antigenic structures of five species of *Saccharomyces*. - Jap. J. Bact., 12, 12, pp. 949-955, 1957.
3334. SHIFRINE (M.) & PHAFF (H. J.). On the cell wall composition of *Saccharomycopsis guttulata*. - Leeuwenhoek J. Microbiol. Serol., 24, 3-4, pp. 274-280, 1 graph, 1958.
3335. SHIFRINE (M.) & PHAFF (H. J.). On the isolation, ecology and taxonomy of *Saccharomycopsis guttulata*. - Op. cit., 24, 3-4, pp. 193-209, 6 fig., 1 diag., 1958.
3336. SONEDA (M.). The yeast *Nadsonia* in Japan. - J. Jap. Bot., 32, 11, pp. 347-350, 3 fig., 1957.
3337. SWAMINATHAN (M. S.) & GANESAN (A. T.). Dynamics of mitosis in yeasts. - Nature, Lond., 182, 4635, pp. 610-611, 1958. [*Saccharomyces cerevisiae*, *Zygosaccharomyces prioranus*, and *Schizosaccharomyces pombe*.]
3338. THYAGARAJAN (T. R.). Spore germination and zygote formation in *Saccharomyces carlsbergensis*. - Proc. Indian Acad. Sci., 47, 3, pp. 124-130, 1 fig., 2 pl., 1958.
3339. VAN DER WALT (J. P.). The yeast *Kluyveromyces africanus* nov. spec. and its phylogenetic significance. - Leeuwenhoek J. Microbiol. Serol., 22, 4, pp. 321-326, 3 fig., 1956.
3340. WANG (C. J. K.), SCHWARZ (J.), & BAUM (G. L.). Large forms of *Histoplasma*. - Mycopathologia, 10, 2, pp. 53-70, 12 fig., 1958.
3341. WICKERHAM (L. J.). Sexual agglutination of heterothallic yeasts in diverse taxonomic area. - Science, 128, 3337, pp. 1504-1505, 1958.
3342. YONEYAMA (M.). Studies on yeasts isolated from Pine honey II. - Bot. Mag., Tokyo, 70, 826, pp. 92-96, 3 fig., 1957. [3 spp. *Saccharomyces*.]

TAPHRINALES

3343. JESCHKOVÁ (RUTH). Kultivace dvou druhů rodu *Taphrina*. - Čes. Mykol., 12, 3, pp. 180-184, 4 fig., 1958. [*T. deformans* and *T. tosquinetii*.]
3344. WOLF (F. A.). Spore discharge in *Taphrina*. - J. Elisha Mitchell sci. Soc., 74, 2, pp. 161-162, 1958.

EUROTIALES

3345. ATKINS (G. A.), HINDSON (W. R.), & RUSSELL (A. B.). *Emericella nidulans* (Eidam) Vuill. var. *aurantiobrunnea* var. nov. and its *Aspergillus* state. - Trans. Brit. mycol. Soc., 41, 4, pp. 501-504, 1 pl. (7 fig.), 1958.
3346. BARRON (G. L.). The genus *Microascus*. - Abs. in Diss. Abstr., 19, 3, p. 418, 1958. [8 lines. Thesis said to be 94 pp. with 22 spp. and 1 var.]
3347. CIFERRI (R.). *Batistia*, a new genus of the *Cephalothecaceae* family. - Atti Ist. bot. Univ. Pavia, Ser. 5, 15, pp. 160-170, 6 pl., 1958. [1 n. comb.]
3348. KUEHN (H. H.). A preliminary survey of the *Gymnoascaceae*. I. - Mycologia, 50, 3, pp. 417-439, 1958.

MYRIANGIALES

3349. BATISTA (A. C.). The Atichiales in Pernambuco. - An. Soc. Biol. Pernambuco, 15, 2, pp. 311-332, 6 pl., 4 fig., 1957. [Publ. Inst. Micol. Recife 75. 2 n. spp.]
3350. BATISTA (A. C.) & MAIA (H. da S.). Ontogênese de Myriangium citri P. Henn. - Op. cit., 15, 2, pp. 355-360, 1 fig., 1957. [Publ. Inst. Micol. Recife 79.]
3351. BATISTA (A. C.) & NASCIMENTO (M. L.). Alguns fungos Myriangiales e seus associados. - Broteria, 27, Sér. Ciênc. nat., 4, pp. 159-178, 9 fig., 1958. [1 n. gen., 2 n. spp. Also published as Publ. Inst. Micol. Univ. Recife 152.]
3352. GOMES (M. R. M.). Gyrocera celtidis (Biv.) Mont. e Ces., parasita das folhas do Celtis australis L. - Publ. Dir. Serv. Flor. Aquic., Lisboa, 19, 1-2, pp. 33-42, 2 pl., 1952.
3353. JENKINS (ANNA E.) & BITANCOURT (A. A.). Myriangiales selecti exsiccati, parts 1-10, numbers 1-500 (1940-1954), indexes and other lists pertaining to this collection. - Rev. Soc. bras. Agron., 12, 1-2, pp. 41-68, 1956. [Portuguese.]
3354. KUROSAWA (E.) & KATSUKI (S.). Miscellaneous notes on Myriangiales from Japan (III). - Bot. Mag., Tokyo, 70, 827, pp. 131-136, 4 fig., 1957. [4 n. spp. of Sphaceloma and 4 others.]

DOTHIDEALES

3355. BATISTA (A. C.) & CIFERRI (R.). Morphogenesis and systematic of the fungi of the new order Chaetothyriales. - Ann. Soc. Biol. Pernambuco, 15, 2, pp. 283-295, 1 pl., 7 fig., 1957. [Publ. Inst. Micol. Recife 73.]
3356. LINDQUIST (J. C.) & WRIGHT (J. E.). On the type of Amyliroa aurantiorum Speg. - Mycologia, 49 (1957), 6, p. 903, 1958.
3357. TONOLO (A.). Genere Acrospermum Tode: Caratterizzazione morfologica di alcune specie. - R. C. Ist. sup. Sanit., 20, 9-10, pp. 842-847, 1957. [3 spp. described and placed in the Ostropales.]
3358. YAMAMOTO (W.). Formosan Capnodiaceae. - Sci. Rep. Hyogo Univ. Agric. 3, 1, Ser. Agric. Biol., pp. 32-45, 62 fig., 1957.

HEMISPHERIALES

3359. ARX (J. A. von). Die systematische Stellung der Ascomycetengattung Armatella Theiss. et Syd. - Fungus, Wageningen, 28, 1-4, pp. 1-3, 1 fig., 1958.
3360. ARX (J. A. von). Ueber den Ascomyceten Rhagadolobium cucurbitarum (Rehm) Theiss. et Syd. - Op. cit., 28, 1-4, pp. 4-6, 2 fig., 1958. [Asterotaxis n. gen.]
3361. BATISTA (A. C.). Um novo gênero de fungos Stigmataceae e novo hospedeiro de Vizella gomphospora (Berk. & Br.) Hughes. - An. Soc. Biol. Pernambuco, 15, 1, pp. 141-147, 1 pl., 4 fig., 1957. [Diplocarponella n. gen., D. schoepfiae n. sp.]
3362. BATISTA (A. C.), COSTA (C. A. A.), & CIFERRI (R.). Organogênese e sistemática dos fungos Trichopeltinaceae (Theiss.) emend. nobis. - Atti Ist. bot. Univ. Pavia, Ser. 5, 15, pp. 34-56, 10 fig., 1958. [5 n. gen., 5 n. spp., 1 n. var.]
3363. BATISTA (A. C.) & MAIA (H. da S.). Alguns Trichothyria do Brasil e das Filipinas. - An. Soc. Biol. Pernambuco, 15, 2, pp. 467-478, 6 fig., 1957. [Publ. Inst. Micol. Recife 86. 2 n. spp., 1 n. var.]
3364. BATISTA (A. C.) & VITAL (A. F.). A systematic revision of some monotypic genera of the Polystomellaceae. - Op. cit., 15, 2, pp. 297-310, 4 fig., 1957. [Publ. Inst. Micol. R. zxcwicalapej]
3365. BOOTH (C.). Two new species of Microthyriella in Britain. - Kew Bull., 1957, 3, pp. 423-424, 1 fig., 1958.
3366. CIFERRI (R.), CORTE (A.), & MONTEMARTINI (A.). Mycocalloa speirea (Fries) Cif. agente dell' 'croste puntiformi' delle Mele. - Atti Ist. bot. Univ. Pavia, Ser. 5, 15, pp. 10-20, 2 pl., 1958. [N. gen.]

3367. YAMAMOTO (W.). The Formosan species of the Microthyriaceae II. - Sci. Rep. Hyogo Univ. Agric. 3, 1, Ser. Agric. Biol., pp. 23-31, 36 fig., 1957.

ERYSIPHALES (PERISPORIALES)

3368. BATISTA (A. C.) & MAIA (H. da S.). Contribuição ao estudo dos fungos Meliolaceae. - An. Soc. Biol. Pernambuco, 15, 2, pp. 445-466, 14 fig., 1957. [*Amazonia corozalensis* n. sp. Bat. & Nasc., *Asteridiella hymenaeicola*, A. fraxinifolia n. sp., *Erysioidia secedens* n. comb., *Meliola bonarii* n. sp. Publ. Inst. Micol. Recife 85.]
3369. BATISTA (A. C.), MAIA (H. da S.), & VITAL (A. C.). Estudos pernambucanos sobre fungos Parodiopsisidae. - Op. cit., 15, 2, pp. 429-443, 11 fig., 1957. [Publ. Inst. Micol. Recife 84. 1 n. gen., 3 n. spp.]
3370. CLARE (B. G.). The identity of the Cucurbit powdery mildew of south-eastern Queensland. - Aust. J. Sci., 20, 9, pp. 273-274, 1958. [*Sphaerotheca fuliginea*.]
3371. DEIGHTON (F. C.). New African Meliolaceae - II. - Sydowia, 11 (1957), 1-6, pp. 93-115, 1958. [27 n. spp., 8 n. vars., 1 n. comb.]
3372. DEIGHTON (F. C.). Five new Meliolas from south-east Asia. - Op. cit., 11 (1957), 1-6, pp. 40-43, 1958. [*Meliola caesalpinicola* sp. nov., *M. desmodii-laxiflori* Deighton var. *crota-lariae*, var. nov., *M. erythnicola* sp. nov., *M. petraeovitidis* sp. nov., *M. uncariicola* sp. nov.]
3373. GOLOVIN (P. N.). (Review of the genera of the Erysiphaceae.) - Sborn. Rab. Inst. Prikl. Zool. Phytopath., 1958, 5, pp. 101-139, 1958. [*Blumeria* and *Linkomyces*, new genera based on *E. graminis* and *E. communis*.]
3374. HIRATA (K.). Some problems noticed while investigating the host range of Erysiphaceae. - Trans. mycol. Soc. Japan, 6, pp. 3-8, 2 diag., 1957. [Japanese.]
3375. HLAVÁČEK (J.). *Sphaerotheca pannosa* (Wallr.) Lévl. - C. C. H. mykol. Sborn., 34, 1-2, pp. 24-25, 1957. [Czech.]
3376. RAUHALA (A.). Kotimaisia härmäsienilöytöjä sekä tähänastiset tiedot härmäsienilajien kasvimaakunnittaisesta levinneisyydestä maassamme. - Karstenia, 4 (1957), pp. 14-26, 1958. [54 spp., hosts, and distribution in Finland.]
3377. SCHNATHORST (W. C.), GROGAN (R. G.), & BARDIN (R.). Distribution, host range, and origin of lettuce powdery mildew. - Phytopathology, 48, 10, pp. 538-543, 4 fig., 1958. [*Erysiphe cichoracearum*.]
3378. SKALICKÝ (V.) & NIEDERLOVÁ (BĚLA). Poznámky k revizi padlí (Erysiphales) na *Ribes* L. a *Grossularia* A. Rich. - Čes. Mykol., 12, 3, pp. 163-169, 5 fig., 1958.
3379. VISWANATHAN (T. S.). A new species of Erysiphe. - Mycopath. Mycol. appl., 9, 2, pp. 150-151, 1958. [*Erysiphe matheranensis* on *Leucas stelligera*.]
3380. YAMAMOTO (W.). Formosan Meliolaceae (Meliolineae) VII. - Sci. Rep. Hyogo Univ. Agric., 3, 1, Ser. Agric. Biol., pp. 19-22, 22 fig., 1957.

HYPOCREALES

3381. CHADEFAUD (M.). Sur les asques de Nectriales, et l'existence de Pléosporales nectrioides. - C. R. Acad. Sci., Paris, 247, 17, pp. 1376-1379, 8 fig., 1958. [French.]
3382. FASSATIOVÁ (OLGA). O dvou družích rodu *Melanospora* Corda z Československa. - Čes. Mykol., 12, 1, pp. 47-49, 2 fig., 1958.
3383. GIBSON (ANN) & GRIFFIN (D. M.). A study of variation in *Nectria stenospora* Berk. & Br. - Aust. J. biol. Sci., 11, 4, pp. 548-556, 1 pl., 1958.
3384. GRASSO (V.). Rassegna delle specie di *Claviceps* e delle piante ospiti. (2^o Contributo - 1954-1957). - Boll. Staz. Pat. veg., Roma, Ser. 3, 15 (1957), 2, pp. 317-334, 1958.
3385. ITÔ (T.) & HAMA (T.). *Cordyceps ravenelii*, new to Japan, growing on *Mimela costata*. - Trans. mycol. Soc. Japan 9, pp. 1-3, 5 fig., 1958. [Japanese.]
3386. MAINS (E. B.). Information concerning species of *Cordyceps* and *Ophionectria* in the Lloyd Herbarium. - Lloydia, 20 (1957), pp. 219-227, 1 pl., 1958. [20 C. spp., *O. lloydii* n. sp.]

3387. RICHTER (H.) & GERLACH (W.). Über die Typus-Art der Gattung *Cylindrocarpon* Wr. und ihre *Nectria*- Hauptfruchtform. - *Tijdschr. PlZiekt.*, 64, 5-6, pp. 392-395, 2 fig., 1958.
3388. SVRČEK (M.). *Melanospora caprina* (Fr. in Hornem.) Sacc., zajímavý cizopasný pyrenomycet na vaticíkovitých houbách, nalezen v Čechách. - *Čes. Mykol.*, 12, 1, p. 50, 1958.
3389. TÓTH (S.). A Kárpátmedence *Nectria* - fajai. - *Bp. Tud. biol. Int. Évk.*, 1, 1, pp. 148-188, 10 graphs, 1950.
3390. WALKER (J.). A new species of *Claviceps* on *Phalaris tuberosa* L. - *Proc. Linn. Soc. N.S.W.*, 82 (1957), 3, pp. 322-327, 1 pl., 1 fig., 1958.

LABOULBENIALES

3391. ÔTANI (Y.). How to collect the Laboulbeniales. - *Trans. mycol. Soc. Japan*, 5, pp. 8-10, 3 fig., 1957. [Japanese.]

TUBERALES

3392. CRIBB (JOAN W.). Two species of Tuberales from Queensland. - *Pap. Dep. Bot. Univ. Qd.*, 3 (1957), 17, pp. 151-152, 1 fig., 1958. [*Hydnobolites herbertianus* sp. n.; *Labyrinthomyces steenisii*.]
3393. KOBAYASHI (Y.). *Hydnotrya carnea*, a member of *Eutuberaceae*, newly found in Japan. - *Trans. mycol. Soc. Japan*, 6, pp. 1-2, 2 fig., 1957. [Japanese.]

SPHAERIALES

3394. AGNIHOTHRUDU (V.). *Chaetoceratostoma* from the rhizosphere of some plants in South India. - *Sci. & Cult.*, 23, 10, pp. 555-556, 1 fig., 1958. [*C. longirostre*.]
3395. BARR (MARGARET E.). Life history studies of *Mycosphaerella tassiana* and *M. typhae*. - *Mycologia*, 50, 4, pp. 501-513, 20 fig., 1958.
3396. BATISTA (A. C.). Lesões foliares do Cajueiro causadas por *Phomatospora anacardicola* n. sp. - *An. Soc. Biol. Pernambuco*, 15, 2, pp. 255-260, 4 fig., 1957. [Publ. Inst. micol. Recife 14.]
3397. BATISTA (A. C.) & CIFERRI (R.). Two previously undescribed *Cucurbitariaceae* fungi. - *Atti Ist. bot. Univ. Pavia*, Ser. 5, 15, pp. 63-66, 2 fig., 1958. [*Cucurbitopsis ramulorum* n. gen., n. sp., *Cucurbitaria nitidula*.]
3398. BOLTON (A. T.). Cultural variation in *Mycosphaerella fragariae*. - *Canad. J. Bot.*, 36, 6, pp. 934-940, 1958.
3399. BOOTH (C.). Studies of *Pyrenomycetes*. III. *Othia spiraeae* (Fuckel) Fuckel, Syn. *Diplodia sarmentorum* (Fr.) Fr. - *Trans. Brit. mycol. Soc.*, 41, 3, pp. 335-340, 1 fig., 1958.
3400. BRAVERMAN (S. W.). The physiology and pathogenicity of *Helminthosporium* species on forage crops. - *Diss. Abstr.*, 27, 12, p. 2776, 1957.
3401. BUTIN (H.). Über die auf *Salix* und *Populus* vorkommenden Arten der Gattung *Cryptodiaporthes* Petr. - *Phytopath. Z.*, 32, 4, pp. 399-415, 4 fig., 1 graph, 1958.
3402. BUTIN (H.). Über zwei Arten der Gattung *Cryptodiaporthes* Petr. und ihre zugehörigen Nebenfruchtformen. - *Sydowia*, 11 (1957), 1-6, pp. 27-39, 2 fig., 1958. [*Cryptodiaporthes populea* n. comb., *C. salicina*.]
3403. CARR (A. J. H.) & OLIVE (L. S.). Genetics of *Sordaria fimicola*. II. Cytology. - *Amer. J. Bot.*, 45, 2, pp. 142-150, 31 fig., 1958.
3404. CHITZANIDIS (A.). Species of *Septoria* on the leaves of *Pistacia vera* L. and their perfect states. - *Ann. Inst. phytopath. Benaki*, 10, 1, pp. 29-44, 3 pl., 1956. [*Mycosphaerella pistacina*, *M. pistacearum* n. spp., and *S. pistaciae*.]
3405. DENNIS (R. W. G.). *Xylaria* versus *Hypoxylen* and *Xylosphaera*. - *Kew Bull.*, 1958, 1, pp. 101-106, 1958. [60 comb. nov.]
3406. DÔKE (G.). (Two new species of *Chaetosphaeria*.) - *Danchi Nôgaku* [Trop. Agron.], 1, pp. 52-54, 3 fig., 1947. [Japanese. *C. hinoi* and *C. sp.*]

3407. GEORGESCU (C. C.), TEODORU (I.), & BADEA (M.). Group dying of Oak. - Anal. Inst. Cerc. for., 11, pp. 185-223, 47 fig., 1948. [*Ophiostoma valachicum*, *O. roboris* n. spp.]
3408. GILMAN (J. C.) & TIFFANY (L[OIS] H.). Iowa Diaportheae. - Proc. Iowa Acad. Sci., 65, pp. 128-130, 1958.
3409. GOMES (M. R. M.) & DOS SANTOS (ANICETA C.). Uma nova espécie para o género *Chaetomium*. *Chaetomium lusitanicum* M. Gomes. - Publ. Dir. Serv. Flor. Aquic., Lisboa, 20, 1, pp. 73-78, 5 pl., 1953.
3410. EL-ANI (A. S.). The genetics of *Ceratostomella radicicola* and the phylogenetic relationship between *Chalaropsis* and *Chalara*. - Amer. J. Bot., 45, 3, pp. 228-232, 7 fig., 1958.
3411. FELDMANN (GENEVIEVE). *Didymella magnei*, nouvelle espèce de *Pseudosphériale* marine. - Rev. gén. Bot., 65, 772, pp. 414-417, 2 fig., 1958. [On *Rhodymenia palmata*.]
3412. GOOS (R. D.). Studies in the mechanics of sexual reproduction in a heterothallic strain of *Gelasinospora*. - Diss. Abstr., 18, 6, pp. 1955-1956, 1958. [*G. calospora* var. *autosteira*.]
3413. HINO (I.) & KATUMOTO (K.). On *Muroia*, a new genus of the *Lophiostomataceae*. - J. Jap. Bot., 33, 3, pp. 77-80, 1 fig., 1958. [1 n. sp.]
3414. HOFSTEN (ANGELICA V.) & HOFSTEN (B. V.). Factors influencing cell division and vegetative morphogenesis of *Ophiostoma multiannulatum*. - Physiol. plant., 11, 1, pp. 106-117, fig., 1958.
3415. ITÔ (K.) & KOBAYASHI (T.). Notes on some leaf-spot diseases of broadleaved trees. - IV. A new species of *Sphaerulina* causing frosty mildew of Walnut trees. - Bull. For. Exp. Sta. Meguro 96, pp. 37-68, 5 pl., 8 fig., 1957. [*S. juglandis*, perfect state of *Cercospora juglandis*.]
3416. ITÔ (K.) & KOBAYASHI (T.). Studies on some anthracnoses of woody plants - V. Anthracnose fungi of Black Locust. - Op. cit., 108, 29 pp., 6 pl., 4 fig., 4 graphs, 1958. [*Guignardia robiniae* n. sp. (*Gloeosporium revolutum* = *Colletotrichum revolutum* n. comb.), *C. destructivum*, and *C. glycines*.]
3417. ITÔ (K.) & SHIBUKAWA (K.). Studies on some anthracnoses of woody plants - IV. A new anthracnose of *Acacia* with special reference to the life history of the causal fungus. - Op. cit., 92, pp. 51-64, 3 pl., 5 fig., 1956. [Japanese and English. *Physalospora acaciae* n. sp.]
3418. JOHNSON (T. W.). Marine fungi. IV. *Lulworthia* and *Ceriosporopsis*. - Mycologia, 50, 2, pp. 151-163, 43 fig., 1958. [4 n. spp., 1 n. var., 2 n. comb. in *Lulworthia*.]
3419. KOBAYASHI (T.) & ITÔ (K.). Notes on the genus *Endothia* in Japan. I. Species of *Endothia* collected in Japan. - Bull. For. Exp. Sta. Meguro, 92, pp. 81-98, 5 pl., 7 fig., 1956. [Japanese and English.]
3420. LOWRY (R. J.) & SUSSMAN (A. S.). Wall structure of ascospores of *Neurospora tetrasperma*. - Amer. J. Bot., 45, 5, pp. 397-403, 17 fig., 1958.
3421. LUTTRELL (E. S.). The perfect stage of *Helminthosporium turcicum*. - Phytopathology, 48, 5 (1), pp. 281-287, 4 fig., 1958. [*Trichometasphaeria turcica* n. sp.]
3422. LUTTRELL (E. S.). Inheritance of sex reaction in *Cochliobolus nodulosus*. - Abs. in Phytopathology, 48, 6, p. 344, 1958.
3423. MAINS (E. B.). North American entomogenous species of *Cordyceps*. - Mycologia, 50, 2, pp. 169-222, 59 fig., 1958.
3424. MORGAN-JONES (J. F.). Morphocytological studies of the genus *Gnomonia*. I. *Gnomonia intermedia* Rehm: its development in pure culture. - Svensk bot. Tidskr., 47, pp. 284-308, 1953.
3425. MORGAN-JONES (J. F.). Ibid. II. The asexual stage of *Gnomonia ulmea* (Schw.) Thüm. - Op. cit., 52, 3, pp. 363-372, 2 pl., 1958.
3426. MUELLER (E.) & AHMAD (S.). Ueber einige neue oder bemerkenswerte Ascomyceten aus Pakistan III. - Biologia, Lahore, 4, 1, pp. 25-32, 5 fig., 1958. [*Diaporthe indigoferae*, *Nodulosphaeria setosa*, *Trematosphaeria indigoferae*, *Xylosphaeria pakistani* n. spp.]
3427. MÜLLER (E.). Systematische Bemerkungen über einige *Venturia*-Arten. - Sydowia, 11 (1957), 1-6, pp. 79-92, 5 fig., 1958. [*V. corni*, *V. ulmi* n. spp., *V. asteromorpha*, *V. adusta*, *V. alnea* n. combs.]

3428. MÜLLER (E.) & BAUMEISTER (GABRIELE). Kulturversuche mit drei Cucurbitaria-Arten. - Op.cit., 11 (1957), 1-6, pp. 70-75, 1 fig., 1958. [C. berberidis, C. spartii, C. laburnii.]
3429. MÜLLER (E.) & LOEFFLER (W.). Über die Gattung Clathridium (Sacc.) Berl. - Op.cit., 11 (1957), 1-6, pp. 116-120, 2 fig., 1958. [C. strobiligenum nov.spec.]
3430. OLIVE (L.S.). De Bary bubbles in ascospores of Sordaria fimicola. - Bull.Torrey bot.Cl., 85, 6, pp. 473-475, 1 fig., 1958.
3431. PETRAK (F.). Über die Gattungen Guignardia Viala et Ravaz und Discosphaerina v. Höhn. - Sydowia, 11 (1957), 1-6, pp. 435-445, 1958. [Botrysosphaeria bidwellii n.comb. Discosphaerina latmarensis.]
3432. OWENS (R.G.), NOVOTNY (HELEN N.), & MICHELS (MARIE). Composition of conidia of Neurospora sitophila. - Contr.Boyce Thompson Inst., 19, 4, pp. 355-374, 1 graph, 1958.
3433. ROUTIEN (J.B.). A new species of Teichospora. - Mycologia, 50, 1, pp. 117-120, 1958. [T. africanae.]
3434. SCHEINPFLUG (H.). Untersuchungen über die Gattung Didymosphaeria Fuck. und einige verwandte Gattungen. - Ber.Schweiz.bot.Ges., 68, pp. 325-385, 21 fig., 1958. [D. indica, D. sarcococcae - 2 n.spp.]
3435. SLOAN (B.J.) & WILSON (G.B.). The functions of the microspores of Gelasinospora calospora var. autosteiira. - Mycologia, 50, 1, pp. 111-116, 3 fig., 1958.
3436. TARTENOVA (Mme M.). (On the new fungal species Laestadia abietella-sibirica S.Schwarzman et M. Tartenova sp.nova.) - (Izv.Acad.Sci.Kazakh S.S.R.), 1957, 1, pp. 104-107, 3 fig., 1957. [Russian.]
3437. TILAK (S.T.). A new species of Parodiella. - Sci. & Cult., 23, 10, pp. 558-559, 3 fig., 1958. [Parodiella indica.]
3438. TRESHOW (M.) & SCHOLES (J.F.). The taxonomy of some species of Cytospora found in Utah. - Proc.Utah Acad.Sci., 35, (1957-1958), pp. 49-51, 1958.
3439. TYLUTKI (E.E.). Some Aspects of Morphology, Genetics, and Cultural Behaviour of Gelasinospora calospora var. autosteiira. - Mycologia, 50, 3, pp. 333-356, 2 fig., 1958.
3440. URBAN (Z.). Revise československých zástupců rodů Valsa, Leucostoma a Valsella. - 103 pp., Rozpravy ČSAV 68/12, Prague, 1958.
3441. URBAN (Z.). Valsa oxystoma Rehm. - Čes.Mykol., 12, 1, pp. 23-26, 1 fig., 1958. [= Cryptodiaporthe oxystoma.]
3442. WILLIAMS (E.B.) & SHAY (J.R.). The relationship of genes for pathogenicity and certain other characters in Venturia inaequalis (Cke) Wint. - Genetics, 42, 6, pp. 704-711, 1957.
3443. YAMAMOTO (W.), MAEDA (M.), & OYASU (N.). Some Nectriaceae and Elsinoe species from Japan. - Sci.Rep.Hyogo Univ.Agric., 3, 1, Ser.Agric.Biol., pp. 15-18, 27 fig., 1957.

DISCOMYCETES

3444. CASH (EDITH K.). Some new or rare Discomycetes from South America. - J.Wash.Acad.Sci., 48, 8, pp. 256-259, 3 fig., 1958. [6 n.spp.]
3445. DENNIS (R.W.G.). Critical notes on some Australian Helotiales and Ostropales. - Kew Bull., 1958, 2, pp. 321-358, 38 fig., 1958. [3 n.spp., 19 n.comb.]
3446. DENNIS (R.W.G.). New or interesting Australian Discomycetes. - Op.cit., 3, pp. 397-398, 2 fig., 1958.
3447. GRADDON (W.D.). British Records. 25-28. Scutellinia stenosporma, Durella suecica, Pezizula myrtellina, Belonopsis graminea. - Trans.Brit.mycol.Soc., 41, 3, pp. 385-386, 1958.
3448. GREMMEN (J.). Some Discomycetes from Norway with special reference to Godronia urceolus (A. & S.) Karst. - Nytt Mag.Bot., 6, 2, pp. 11-18, 2 fig., 1958. [29 spp. incl. Apostemidium norvegicum n.spp.]

3449. KORF (R. P.). Japanese Discomycete Notes I-VIII. - Sci. Rep. Yokohama Univ., Sec. II, 7, pp. 7-35, 16 fig., 1958.
3450. LE GAL (MARCELLE). Petite promenade à travers le maquis de la nomenclature. - Rev. Mycol., Paris, 23, 1, pp. 121-126, 1958. [Discusses some generic names of Discomycetes.]

PHACIDIALES

3451. JUNG (J.). Über die Nebenfruchthform von *Arthonia culmicola* Petr. - Sydowia, 11 (1957), 1-6, pp. 138-140, 2 fig., 1958. [Septocyta.]
3452. MÜLLER (E.). Die Gattung *Eupropoella* v. Höhn. - Op. cit., 11 (1957), 1-6, pp. 130-132, 1 fig., 1958.

HELOTIALES

3453. BELLEMÈRE (A.). Quelques observations sur le développement de l'apothécie d'un discomycète inoperculé *Cyathicula coronata* (Bull.) De Not. - Bull. Soc. mycol. Fr., 74, 1, pp. 70-93, 11 fig., 1958.
3454. DAAMS (J.) & GREMMEN (J.). Enkele aardige voorjaars-discomyceten. - Coolia, 5, 1, pp. 5, 2 fig., 1958.
3455. GRADDON (W. D.). British records 18-20. - Trans. Brit. mycol. Soc., 41, 1, p. 64, 1958. [*Unguicula falcipila*, *Helotium geogenum*, *H. laetum*.]
3456. GREMMEN (J.). Taxonomical notes on mollisiaceous fungi. VI. The genus *Pyrenopeziza* Fuck. - Fungus, Wageningen, 28, 1-4, pp. 37-46, 1958. [8 n. sect., 16 n. comb.]
3457. GREMMEN (J.). Bemerkungen über einige *Cenangium ferruginosum* ähnliche Pilze. - Phytopath. Z., 33, 4, pp. 371-374, 1 fig., 1958.
3458. GREMMEN (J.). Über einige Discomyceten und ihre Beziehungen mit Konidienformen. - Sydowia, 11 (1957), 1-6, pp. 290-295, 1958.
3459. GRIFFITHS (E.). Sexual reproduction and variation in *Gloeotinia temulenta* (Prill. & Delacr.) Wilson, [Noble], & Gray. - Trans. Brit. mycol. Soc., 42, 4, pp. 461-482, 1 pl., 1 fig., 1958.
3460. HÜTTER (R.). Untersuchungen über die Gattung *Pyrenopeziza* Fuck. - Phytopath. Z., 33, 1, pp. 1-54, 12 fig., 1958.
3461. LE GAL (MARCELLE) & MANGENOT (F.). Contribution à l'étude des Mollisioidées. II. (1^{re} série). - Rev. Mycol., Paris, 23, 1, pp. 28-86, 6 pl., 24 fig., 1958.
3462. PILÁT (A.). Lopatička *Neesova-Spathularia neesii* Bres. ve vysokých Tatrách. - Čes. Mykol., 12, 3, pp. 184-185, 1 fig., 1958.
3463. RAMAMURTHI (C. S.), KORF (R. P.), & BATRA (L. R.). A revision of the North American species of *Chlorociboria* (Sclerotiniaceae). - Mycologia, 49 (1957), 6, pp. 854-863, 4 fig., 1958. [6 spp. incl. 7 n. comb.]
3464. SCHMIEDEKNECHT (M.). Untersuchungen zur Spezialisierung von *Pseudopeziza medicaginis* (Lib.) Sacc. - Phytopath. Z., 32, 4, pp. 433-450, 4 fig., 1 graph, 1958.

PEZIZALES

3465. BERGMAN (PHYLLIS S.) & HANOR (L.). A new species of *Streptotheca*. - Mycologia, 49 (1957), 6, pp. 879-883, 7 fig., 1958.
3466. GAMUNDI (IRMA J.). El género *Scutellinia* en la Argentina. - Contr. Ci. Bot. Univ. Buenos Aires, 1, pp. 69-88, 6 pl., 1958.
3467. KANOUSE (BESSIE B.). Some species of the genus *Trichophaea*. - Mycologia, 50, 1, pp. 121-140, 7 figs., 1958. [*Trichophaea bullata*, *T. michiganensis* n. spp., *T. tuberculata* n. comb.]
3468. LAMBINON (J.). Deux Discomycètes nouveaux pour le littoral Belge. *Sepultaria arenosa* (Fuck.) Boudier et *Galactinia brunneoatra* (Desm.) Boudier. - Lejeunia, 20 (1956), pp. 23-25, 2 pl., 1958.

3469. LE GAL (MARCELLE). Le genre *Melastiza* Boudier. - Bull. Soc. mycol. Fr., 74, 2, pp. 149-154, 1 fig., 1958. [1 n. nom., 1 n. comb.]
3470. LE GAL (MARCELLE). Discomycètes du Maroc. I. Un *Urnula* nouveau: *Urnula megalocrater* Malençon et Le Gal sp. nov. Etude de l'espèce, suivie d'une révision des caractères des genres *Urnula* Fr. et *Sarcosoma* Casp. - Op. cit., 74, 2, pp. 155-177, 4 fig., 1958.
3471. RAHM (E.). *Otidea pusilla* nov. spec., zwerg-öhrling. - Schweiz. Z. Pilzk., 36, 3, pp. 33-35, 1 col. pl., 1 fig., 1958.
3472. RAHM (E.). *Pustularia catinoides* Fuckel? - Synonym *Pustularia sibirica* Karsten? - Op. cit., 36, 3, pp. 35-38, 1 col. pl., 1 fig., 1958.
3473. RAHM (E.). *Galactinia* nov. spec. (?), Schwefelgelber Becherling. - Op. cit., 36, 3, pp. 38-40, 1 col. pl., 1958. [*G. sulphurea*.]
3474. THIND (K. S.) & BATRA (L. R.). The Pezizaceae of the Mussoorie Hills - IV. - J. Indian bot. Soc., 36, 3, pp. 428-438, 8 fig., 1 pl., 1957.
3475. THIND (K. S.), CASH (EDITH K.) & SETHI (J. S.). Ibid. - V. - Mycologia, 49 (1957), 6, pp. 831-836, 9 fig., 1958. [3 n. spp.]
3476. THIND (K. S.) & SETHI (J. S.). Ibid. - II. - J. Indian bot. Soc., 36, 2, pp. 196-206, 6 fig., 1957.
3477. WOLF (F. A.). The conidial stage of *Lamprospora trachycarpa* (Currey) Seaver. - J. Elisha Mitchell sci. Soc., 74, 2, pp. 163-166, 10 fig., 1958.
3478. ZIMA (J.). (Discovering the fungus *Sarcosoma globosum* Schm.) - C. C. H. mykol. Sborn., 34, 1-2, p. 14, 1957. [Czech.]

BASIDIOMYCETES

3479. ANGERER (J.). Eine bemerkenswerte Pilzgesellschaft auf Pappelholz. - Ber. bayer. bot. Ges., 32, pp. 141-142, 3 fig., 1958. [12 spp.]
3480. BECKER (G.). Les Hêtraies du Sundgau. - Rev. Mycol., Paris, 23, 2, Suppl., pp. 363-368, 1958. [Southern Alsace.]
3481. BECKER (G.) & MARGAINE (F.). Notes et observations sur la flore de MM. Kuhner et Romagnesi. - Bull. mens. Soc. Linn. Lyon, 27, 9, pp. 258-264, 1958.
3482. BOLDIN (J.). Hétérobasidiomycètes saprophytes et Homobasidiomycètes résupinés. - Bull. Soc. Hist. nat. Toulouse, 92, 3-4, pp. 277-292, 1957. [*Clavulicium* n. gen., *Peniophora eriksonii* n. sp., and 2 n. comb.]
3483. DANIELS (R. P.) & PORTER (C. L.). A basidiomycete which sporulates in artificial culture. - Proc. Ind. Acad. Sci., 67 (1957), pp. 107-108, 1958.
3484. DONK (M. A.). Notes on the Basidium. - Blumea, (H. L. Lam. Jub. vol.), suppl. 4, pp. 96-105, 1958.
3485. ERIKSSON (J.). Studies of the Swedish Heterobasidiomycetes and Aphyllophorales with special regard to the family Corticiaceae. - 26 pp., Uppsala, Almqvist & Wiksells Botryckeri, 1958. [With a list.]
3486. FAVRE (J.). Résultats des recherches scientifiques entreprises au Parc National Suisse. 5. Les champignons supérieurs de la zone alpine du Parc National Suisse. - N. S. 33, pp. 1-212, 11 pl. (8 col.), 145 fig., 1958.
3487. HEIM (R.) & WASSON (R. G.). Les champignons hallucinogènes du Mexique. - 324 pp., 37 pl. (17 col.), 83 fig. (14 col.), Paris, Muséum National d'Histoire naturelle, 1958. £23.
3488. ITO (S.). Miscellaneous notes on mushrooms (1). [Larger fungi] - Trans. mycol. Soc. Japan, 8, pp. 4-13, 1958. [Japanese.]
3489. ITO (S.). Mycological flora of Japan 2 (4). Basidiomycetes. Auriculariales, Tremellales, Dacrymycetales, Aphyllophorales. - 450 pp., 278 fig., Yôkendo, 1955. [Japanese.]
3490. KHRISTYUK (P. M.). (Notes on the edible and poisonous fungi in Crimea.) - Izv. Crimea Otd. geograph. Obshch. Soyuz., 1957, 4, pp. 43-48, 1957. [Russian.]

3491. MIKOLA (P.). Studies on the decomposition of forest litter by Basidiomycetes. - Commun. Inst. for. Finl., 48, 2, pp. 1-22, 1958. [26 spp. tested.]
3492. ODDOUX (L.). Recherches sur les mycéliums secondaires des Homobasidiés en culture pure. - Lyon, Thesis for D.Sc., 346 pp., 5 pl., 1957. (Review in Bull. mens. Soc. linn. Lyon, 27, 2, pp. 53-54, 1958.)
3493. PARKER-RHODES (A. F.). The basidiomycetes of Skokholm Island XIV. - Stability of the mycota. - New Phytol., 57, 3, pp. 288-299, 1958.
3494. PARROT (A. -G.). Champignons du pays basque (septième contribution). - Bull. Soc. mycol. Fr., 74, 2, pp. 178-188, 1958.
3495. ROGERS (D. P.). Kordyanella. - Mycologia, 49 (1957), 6, p. 902, 1958. [Not a basidiomycete.]
3496. TETEREVNIKOVA-BABAYAN (Mme D. N.) & CHOLAKHYAN (D. P.). (Materials from the study of edible and poisonous fungi in the Armenian SSR.) - Nauch. Trud. erevan. Univ., 32, pp. 39-74, 1951. [Russian.]

USTILAGINALES

3497. DURAN (R.). A monograph of the genus Tilletia. - Abs. in Diss. Abstr., 19, 3, pp. 419-420, 1958. [Thesis 175 pp. 61 recognized spp.]
3498. GOTH (R. W.), ROWELL (J. B.), & KERNKAMP (M. F.). Behaviour of soil pathogens from interspecific crosses of some Sphacelotheca spp. - Phytopathology, 48, 9, pp. 494-497, 1 fig., 1958.
3499. GUYOT (K.), MALENÇON (G.), & MASSENOT (H.). Deuxième contribution à l'étude des Ustilaginales parasites du Bassin Méditerranéen occidental (Afrique du Nord et Péninsule Ibérique). - Rev. Path. vég., 37, 2, pp. 187-196, 5 fig., 1958. [14 spp. incl. 1 n. sp.]
3500. HENDERSON (D. M.). A conidial stage of Thecaphora deformans Tul. - Notes roy. bot. Gdn Edinb., 22, 2, pp. 131-133, 1 pl., 1 fig., 1956.
3501. MASSENOT (M.). Quelques récoltes d'Ustilaginales. (3^e note). - Bull. Soc. mycol. Fr., 74, 1, pp. 99-110, 1 fig., 1958. [26 spp.]
3502. MAYOR (E.). A propos d'un Ustilago sur Moehringia pentandra Gay. - Rev. Mycol., Paris, 23, 1, pp. 100-105, 1958. [U. duriaana.]
3503. MÜHLE (E.). Brandpilze. - 51 pp., 25 fig., A. Ziemsens, Wittenberg, 1958.
3504. PEDERSEN (P. N.). Falsk nøgen brand, Ustilago nigra, fundet i Danmark. - Bot. Tidsskr., 53, 3, pp. 298-306, 6 fig., 1957.
3505. TERRIER (C.). Note sur le charbon des gagées: Ustilago ornithogali (Schm. et Kze) Magnus. - Bull. Murith., 74, pp. 75-77, 1957.
3506. ULYANISHCHEV (V. I.). (Smut fungi. Fungal flora of Azerbaijan I.) - 335 pp. Baku, 1952. [Russian.]
3507. VIENNOT-BOURGIN (G.). Trois Ustilaginales nouvelles de Guinée française. - Bull. Soc. bot. Fr., 104, 5-6, pp. 266-275, 3 fig., 1957. [3 n. spp. of Sorosporium, Entyloma, and Tolyposporella.]
3508. VIENNOT-BOURGIN (G.). Ibis. (Deuxième note.) - Rev. Path. vég., 37, 2, pp. 167-178, 4 fig., 1958. [3 n. spp.]

UREDINALES

3509. BAXTER (J. W.). The genus Cumminsia. - Mycologia, 49 (1957), 6, pp. 864-873, 6 fig., 1958. [6 spp., incl. 2 n. comb.]
3510. BOGOVIK (I. V.). (Analysis of the flora of rust fungi in the west regions of Ukr. S. S. R.) - Dopov. povidom. L'vov Univ., 7, 3, pp. 36-39, 1957. [Ukrainian.]
3511. BUTLER (GILLIAN M.). Uromyces in a population of Euphorbia cyparissias. - Trans Brit. mycol. Soc., 41, 4, pp. 401-404, 1958.

3512. CAMMACK (R. H.). Studies on *Puccinia polysora* Underw. 1. The world distribution of forms of *P. polysora*. - Op.cit., 41, 1, pp. 89-94, 1958.
3513. DENNIS (R. W. G.) & SANDWITH (N. Y.). A second species of *Uromyces* on British spurges. - Kew Bull., 1957, 3, p. 372, 1958.
3514. EICHHORN (E.). Über rostpilze. - Ber.bayer.bot.Ges., 32, pp. 142-144, 1958.
3515. ELLIS (E. A.). Two interesting Scottish rusts. - Kew Bull., 1957, 3, p. 408, 1958.
3516. GAMALITSKAYA (Mme N. A.). (Species of rust fungi new for the flora of Kirgiz.) - Trud. Inst.Bot.Kirgiz Acad.Sci., 1958, 3, pp. 91-97, 11 fig., 1958. [Russian.]
3517. GARLICK (G. W.). A rust new to the British Isles. - Kew Bull., 1957, 3, p. 386, 1958.
3518. GREENE (H. C.) & CUMMINS (G. B.). A synopsis of the Uredinales which parasitize grasses of the genera *Stipa* and *Nasella*. - Mycologia, 50, 1, pp. 6-36, 30 fig., 1958.
3519. HAFIZ (A.), HASSAN (S. F.), & KHURSHEED (A.). Rust on *Digitaria adscendens*. - Biologia, Lahore, 3, 2, pp. 193-194, 1957. [*Puccinia* ?*digitariae-velutinae*.]
3520. HENDERSON (D. M.). Uredinales from Asia Minor. - Notes roy.bot.Gdn Edinb., 22 (1955-1958), 3, pp. 195-200, 1958.
3521. HEPTING (G. H.). A rust on Virginia Pine and Buckleya. - Mycologia, 49 (1957), 6, pp. 896-899, 1958. [*Cronartium appalachianum* sp. nov.]
3522. HIRATSUKA (N.). Nomenclatural changes for some species of Uredinales. - Trans.mycol. Soc.Japan, 5, pp. 1-4, 1957. [Japanese. Many n. comb., n. nom.]
3523. HIRATSUKA (N.). Revision of taxonomy of the Pucciniastreae. - 167 pp., Tokyo, 1958. (Contr. Lab. Phytopath. Mycol. Tokyo Univ. 31).
3524. JØRSTAD (I.). The genera *Aecidium*, *Uredo*, and *Puccinia* of Persoon. - Blumea, 9, 1, pp. 1-20, 1958.
3525. JØRSTAD (I.). Uredinales of the Canary Islands. - Skr.norske Vidensk Akad., I (1958), 2, pp. 1-182, 1 map, 1958.
3526. JØRSTAD (I.) & CHRISTOFFERSSON (H.). Notes on a rust on *Koenigia islandica* L. - Bot. Notiser, 111, 1, pp. 319-324, 1958. [*Puccinia nitidula* Tranz.]
3527. JØRSTAD (I.) & NANNFELDT (J. A.). Additions and corrections to "Enumeratio Uredinearum scandinavicarum". - Bot. Notiser, 111, 1, pp. 306-318, 1958.
3528. KORBONSKAYA (Mme Y. I.). (New rust fungi in Southern Tadzhikistan.) - (Dokl. Akad. Nauk Tadzh. SSR), 1957, 22, pp. 29-30, 1957. [Russian. *Puccinia enneapogonis* and *P. danthoniae* n. spp.]
3529. KULKARNI (U. K.). Studies in the development and cytology of *Puccinia penniseti* Zimm. - Trans. Brit. mycol. Soc., 41, 1, pp. 65-73, 5 fig., 1958.
3530. LINDQUIST (J. C.). Notas uredinologicas IV. - Rev. Fac. Agron. La Plata, 33, 1a, pp. 73-82, 3 fig., 1957. [9 spp. including *Puccinia fuegiana*, *P. hordeicola*, and *Uredo pacensis*, n. spp.]
3531. LINDQUIST (J. C.). Las royas parasitas de 'Baccharis'. - Op.cit., 34, 1a, pp. 1-79, 50 fig., 1958. [53 spp. including 9 new.]
3532. MACDONALD (J. A.). Two biological races of *Uromyces lineolatus* (Desm.) Schroet. - Trans. Brit. mycol. Soc., 41, 2, pp. 178-184, 1 pl., 1958.
3533. PAYAK (M. M.). Nucleolar chromosome in the rust fungus *Scopella gentilis*. - Science, 127, 3312, pp. 1446-1447, 3 fig., 1958.
3534. PETRAK (F.). Kleine Beiträge zur orientalischen Uredineenflora. - Sydowia, 11 (1957), 1-6, pp. 273-281, 1958.
3535. PETRAK (F.). Beiträge zur Kenntnis der auf *Crucianella* vorkommenden Arten der Gattung *Puccinia*. - Op.cit., 11 (1957), 1-6, pp. 311-314, 1958. [*Puccinia crucianellae* var. *crucianellae-macrostachyae* n. var.]

3536. SANDU-VILLE (C.). Cîteva noutăţi asupra ciupercilor din ordinul Uredinales. - Anu. Lucr. sti. Inst. agron. Iaşi, Bucureşti, 1957, pp. 7-11, 1957.
3537. TETEREVNIKOVA-BABAYAN (Mme D. N.). (Rusts parasites of cultivated and wild plants of the Armenian S. S. R.) - 186 pp., Yerevan State University, V. M. Molotov, Yerevan, 1952. [Russian.]
3538. ULYANISHCHEV (V. I.). (Certain data on rust fungi from the family Melampsoraceae in Azerbaijan SSR.) - Trud. Inst. Bot. Akad. Sci. Azerb., 20, pp. 21-32, 1957. [Azerbaijan.]
3539. VIENNOT-BOURGIN (G.). Trois Uredinales subtropicales nouvelles. - Bull. Soc. bot. Fr., 105, 9-10, pp. 500-512, 4 fig., 1958. [*Sphaerophragmium guineense*, *Haplophragmium angycalycis*, and *Sphenospora dalbergiellae* n. spp.] *
3540. ZEĬNALOVA (Mme V. M.). (Rust fungi on cereals, forage and wild grasses in Azerbaijan.) - Bull. Acad. Sci., Azerb. S. S. R., 1957, 11, pp. 103-112, 1957. [Azerbaijan with Russian summary.]

TREMELLALES

3541. BANDONI (R. J.). Some tremellaceous fungi in the C. G. Lloyd collection. - Lloydia, 21, 3, pp. 137-151, 16 fig., 1958.
3542. KENNEDY (LORENE L.). A taxonomic study of the genus *Dacrymyces*. - Diss. Abstr., 27, 12, pp. 2779-2780, 1957.
3543. LOWY (B.). A new *Exidia*. - Mycologia, 49 (1957), 6, pp. 899-902, 8 fig., 1958. [*Exidia hispidula* n. sp.]
3544. NILSSON (S.). Some notes on *Phlogiotis helvelloides* (DC. ex Fr.) Martin and its distribution in Sweden. - Bot. Notiser, 111, 2, pp. 424-430, 2 fig., 1 map, 1958.
3545. OLIVE (L. S.). Latin diagnoses of earlier described species of Tremellales. - J. Elisha Mitchell sci. Soc., 74, 1, p. 41, 1958.
3546. PILÁT (A.). Uebersicht der europäischen Auriculariales und Tremellales unter besonderer Berücksichtigung der tschechoslovakischen Arten. - Acta Mus. nat. Prague, 13, B, 4, pp. 115-210, 27 pl., 12 fig., 1957.
3547. PILÁT (A.). *Protodontia piceicola* (Kühner) Martin - prvozub smrkový ve Východních Karpatech. - Čes. Mykol., 12, 3, pp. 187-189, 1 fig., 1958.
3548. SARMHA (K. C.) & AGNIHOTHRUDU (V.). *Septobasidium theae* Boedijn and Steinmann from Assam. - Sci. & Cult., 23, 10, pp. 551-552, 1 fig., 1958.
3549. VALDER (P. G.). The biology of *Helicobasidium purpureum* Pat. - Trans. Brit. mycol. Soc., 41, 3, pp. 283-308, 2 pl. (6 fig.), 2 fig., 1958.
3550. WELLS (K.). Morphological studies of the genera *Eichleriella*, *Exidiopsis*, *Bourdodia*, and *Gloeotromera*. - Diss. Abstr., 27, 12, p. 2784, 1957.
3551. WELLS (K.). Studies of some Tremellaceae. II. The genus *Ductifera*. - Mycologia, 50, 3, pp. 407-416, 2 fig., 1958.
3552. ZEROVA (Mme M. Y.). (Taxonomic position of the fungus *Raddetia turkestanica* Karsten (Stylobates? turkestanicus (Karst.) Sacc.) found in a virgin steppe reserve of the Ukraine.) - Ukr. bot. Rev., 15, 1, pp. 95-100, 5 fig., 1958. [Ukrainian. *Dacryomitra turkestanica* n. comb.]

HYMENOMYCETES

3553. BANERJEE (S.) & MUKHERJEE (N.). Contribution to the cytology of Hymenomycetes. I. Cytological studies in *Marasmius campanella* Holterm. - Proc. nat. Inst. Sci. India, B, 21, 3, pp. 115-119, 1955.
3554. BANERJEE (S.) & MUKHERJEE (A. K.). Ibid. II Karyological observations in *Stereum fuscum* (Schröd.) Qué. - Indian J. mycol. Res., 2 (1956), 1-2, pp. 41-50, 2 fig., [1958].
3555. DA CAMARA (E. da S.). *Catalogus systematicus fungorum omnium Lusitaniae*. I. Basidiomycetes. Pars I. Hymeniales. - 347 pp., Lisbon Serviço editorial da Repartição de Estudos, Informação e Propaganda, Direcção General dos Serviços Agrícolas, Ministério da Economia.

3556. DONK (M. A.). The generic names proposed for Hymenomycetes. - VIII. Auriculariaceae, Septobasidiaceae, Tremellaceae, Dacrymycetaceae. - Taxon, 7, 6, pp. 164-178; 7, pp. 193-207; 8, pp. 236-250, 1958. [Seven n. comb. 1 n. sp.]
3557. DONK (M. A.). Ibid. IX. "Meruliaceae" and Cantharellus s. str. - Fungus, Wageningen, 28, 1-4, pp. 7-15, 1958.
3558. DONK (M. A.). Notes on resupinate Hymenomycetes. V. - Fungus, Wageningen, 28, 1-4, pp. 16-36, 1958. [Botryobasidium and Ceratobasidium, Oliveonia n. nom, Koleroga n. gen., 5 n. comb., 1 n. sect., 1 n. sp.]
3559. KIMURA (K.). Nuclear conjugation in diploidisation by the doubly compatible diploid mycelium in the Hymenomycetes. - Bot. Mag., Tokyo, 70, 833-4, pp. 391-395, 1957. [Japanese with English summary.]
3560. KIMURA (K.). Nuclear behaviour in the diploidisation of the hymenomycetous fungi II. Doubly legitimate combinations. - Op. cit., 71, 835, pp. 26-31, 1958. [Japanese.]
3561. KIMURA (K.). Ibid. III. Legitimate combinations. - Op. cit., 71, 836, pp. 65-70, 1958. [Japanese.]
3562. KOCH (W.). (Studies on the mycelial growth and fruiting body formation of several basidiomycetes.) - Arch. Mikrobiol., 30, 4, pp. 409-432, 1958. [Polystictus versicolor, Polyporus annosus, Pleurotus ostreatus, and Psalliota bispora.]
3563. POUZAR (Z.). Nové rody vyšších hub II. - Čes. Mykol., 12, 1, pp. 31-36, 1958. [Suillosporium (type Pellicularia cystidiata), Coniobotrys (type Coniophora ochroleuca), Leucogyrophana (type Merulius molluscus), Setchelliogaster (type Secotium tenuipes), 4 n. gen.]
3564. REID (D. A.). New or interesting records of British Hymenomycetes. II. - Trans. Brit. mycol. Soc., 41, 4, pp. 419-445, 2 pl. (1 col.), 28 fig., 1958. [5 n. spp.]
3565. VAN DER WESTHUIZEN (G. C. A.). Studies of wood-rotting fungi: I. Cultural characteristics of some common species. - Bothalia, 7, 1, pp. 83-99, 5 pl., 1958. [16 spp.]

THELEPHORACEAE

3566. BOIDIN (J.). Hétérobasidiomycètes saprophytes et Homobasidiomycètes résupinés: V. Essai sur le genre Stereum Pers. ex S. F. Gray. - Rev. Mycol., Paris, 23, 3, pp. 318-346, 3 fig., 1958. [1 n. gen. based on Stereum chailletii, 3 n. comb.]
3567. CUNNINGHAM (G. H.). Thelephoraceae of New Zealand XIV. The genus Hymenochaete. - Trans. roy. Soc. N. Z., 85, 1, pp. 1-51, 3 pl., 33 fig., 1957. [16 n. spp.]
3568. CUNNINGHAM (G. H.). Ibid. XV. The genus Duportella. - Op. cit., 85, 1, pp. 91-99, 4 fig., 1957. [3 n. spp., 1 n. comb.]
3569. ERIKSSON (J.). Studies in Corticiaceae, (Botryohypochnus Donk, Botryobasidium Donk, and Gloeocystidiellum Donk). - Svensk. bot. Tidskr., 52, 1, pp. 1-17, 9 fig., 1958.
3570. KOTLABA (F.). Zajímavá euroasijská houba kožnatka purpurová-Hymenochaete mougeotii (Fr.) Cooke. - Čes. Mykol., 12, 3, pp. 136-143, 1 map, 1958.
3571. POUZAR (Z.). Stereum sulcatum Burt. in Peck, novýavšacný Pevník československé mykoflory. - Op. cit., 12, 1, pp. 26-30, 1 fig., 1 map, 1958.
3572. REID (D. A.). A new species of Thelephora from Malaya. - Kew Bull., 1958, 2, pp. 227-228, 1 fig., 1958.
3573. REID (D. A.), THIND (K. S.), & ADLAKHA (K. L.). The Thelephoraceae of the Mussoorie Hills (India) II. - Trans. Brit. mycol. Soc., 41, 1, pp. 129-134, 1 pl., 3 fig., 1958.
3574. SVRČEK (M.). Příspěvek k taxonomii resupinatních rodů čeledi Thelephoraceae s. s. - Čes. Mykol., 12, 2, pp. 66-77, 11 fig., 1958. [2 n. gen., 4 n. sp., 3 n. nom., 21 n. comb., 3 n. sect., 3 n. var., 5 n. f.]
3575. TALBOT (P. H. B.). The genera Craterellus, Cymatoderma (Cladoderris) and Thelephora in South Africa. - Bothalia, 7, 1, p. 117, 8 fig., 1958.
3576. TALBOT (P. H. B.). Studies of some South African resupinate Hymenomycetes. Part II. - Op. cit., 7, 1, pp. 131-187, 38 fig., 1958. [6 n. spp., 1 n. var., 1 n. comb.]

3577. THIND (K. S.) & ADLAKHA (K. L.). Thelephoraceae of the Mussoorie Hills - I. - Indian J. mycol. Res., 2 (1956), 1-2, pp. 57-64, 2 pl., 2 fig., [1958].
3578. WELDEN (A. L.). A contribution toward a monograph of Cotyldia (Thelephoraceae). - Lloydia, 21, 1, pp. 38-44, 1958. [4 n. comb.]
3579. WELDEN (A. L.). Two unrecognized species of Cytidia. - Mycologia, 50, 2, pp. 304-306, 2 fig., 1958. [*C. patelliformis* (Burt.) comb. nov. and *C. magnispora* (Burt.) comb. nov.]

CLAVARIACEAE

3580. CORNER (E. J. H.), THIND (K. S.), & DEV (S.). The Clavariaceae of the Mussoorie Hills (India). IX. - Trans. Brit. mycol. Soc., 41, 2, pp. 203-206, 2 fig., 1 plate, 1958. [*Ramaria brevispora* sp. nov., *R. brevispora* var. *albida* var. nov., *Clavulina mussooriensis* sp. nov., *Clavaria indica* sp. nov.]
3581. LE GAL (MARCELLE) & MARGAINE (M. F.). *Clavaria epichnoa* Fr. - Bull. Soc. mycol. Fr., 73 (1957), pp. 361-362, 1958.
3582. PILÁT (A.). Přehled hub kyjankovitých-Clavariaceae se zvláštním zřetelem k československým druhům. - Acta Mus. nat. Prag., 14, B, 3-4, pp. 129-255, 16 pl., 29 fig., 1958.
3583. PILÁT (A.). Kyjankovité houby z Belánských Tater. - Op. cit., 15, B, 2, pp. 111-124, 5 pl., 1959.
3584. THIND (K. S.) & DEV (S.). The Clavariaceae of the Mussoorie Hills - VIII. - J. Indian bot. Soc., 36, 4, pp. 475-485, 1 pl., 8 fig., 1957. [Nos. 47-54, inc. 2 new vars.]
3585. THIND (K. S.) & RASWAN (G. S.). Ibid. - X. - Op. cit., 37, 4, pp. 455-469, 9 fig., 1958.
3586. WILLIS (J. H.). A list of Victorian Clavariaceae. (With an artificial key to the eleven genera of known representation in the State.) - Vict. Nat. Melb., 74, pp. 127-133, 1958.

HYDNACEAE

3587. CUNNINGHAM (G. H.). Hydnaceae of New Zealand. Part I. - The pileate genera *Beenakia*, *Dentinum*, *Hericium*, *Hydnum*, *Phellodon* and *Steccherinum*. - Trans. roy. Soc. N. Z., 85, 4, pp. 585-601, 3 pl., 6 fig., 1958. [3 n. spp., 2 n. comb.]
3588. DONK (M. A.). Typification of the name *Hydnum*. (Fungi.) - Taxon, 7, 4, pp. 96-97, 1958.
3589. HARVEY (R.). Sporophore development and proliferation in *Hydnum auriscalpium* Fr. - Trans. Brit. mycol. Soc., 41, 3, pp. 325-334, 2 pl., 2 fig., 1958.
3590. ÔTANI (Y.). On a new species of *Hericium* found in Japan. - J. Jap. bot., 32, 10, pp. 303-306, 2 fig., 1957. [*H. botryoides* S. Ito & Ôtani.]
3591. POUZAR (Z.). Typification of the genus *Hydnum* (Hymenomycetes). - Taxon, 7, 3, pp. 79-80, 1958.
3592. ROGERS (D. P.) & MARTIN (G. W.). On *Hydnum chrysorhizum* Torrey. - Mycologia, 50, 2, pp. 306-308, 1 fig., 1958. [*Oxydantia chrysorhiza* (Torrey) comb. nov.]
3593. SNELL (W. H.) & DICK (ESTHER A.). Notes on the pileate *Hydniums*. IV. - Lloydia, 21, 1, pp. 34-37, 1958. [*Steccherinum minutissimum* n. sp., 1 n. comb.]

POLYPORACEAE

3594. BAKSHI (B. K.), SINGH (B.), & GIBSON (SHELAGH). Occurrence of *Trametes sepium* in India. - Canad. J. Bot., 36, 5, pp. 603-606, 1 pl., 9 fig., 3 diag., 1958.
3595. BANERJEE (S.) & DEBI (H.). Variation in *Polystictus xanthopus* Fr. - Indian J. mycol. Res., 2 (1956), 1-2, pp. 1-28, 4 pl., 4 fig., [1958].
3596. BANERJEE (S.) & SAMADDER (K. R.). Host-range and distribution of *Daedalea flavida*, Lév. - Op. cit., 2 (1956), 1-2, pp. 65-70, 1 map, [1958].
3597. BANERJEE (S.) & SARKAR (A.). Formation of sporophores of *Ganoderma lucidum* (Leyss.) Karst. and *Ganoderma applanatum* (Pers.) Pat. in culture. - Op. cit., 2 (1956), 1-2, pp. 80-83, 1 pl., [1958].

3598. DZHAFAROV (A.). (Representatives of fungi from the genus *Ganoderma* on relic tree species in Taluish.) - Bull. Acad. Sci. Azerb. S.S.R. 1957, 5, pp. 117-134, 1957. [Russian.]
3599. ERB (W.). Beiträge zur Physiologie der Gattung *Merulius*. - Zbl. Bakt., Abt. 2, 111, 16-20, pp. 505-529, 1958.
3600. FIDALGO (O.). Studies on *Spongipellis borealis* (Fr.) Pat. - Mycopathologia, 10, 1, pp. 1-18, 6 fig., 1 map, 1958.
3601. FIDALGO (O.). The nomenclatural status of *Daedalea* Pers. ex Fr. and related genera. - Taxon, 7, 5, pp. 133-140, 1958. [and the related genera *Trametes* and *Lenzites*.]
3602. FIDALGO (O.) & FIDALGO ([MARIA] K.). A new *Fistulina* from Brazil. - Mycologia, 50, 1, pp. 145-146, 1 fig., 1958. [*Fistulina brasiliensis*.]
3603. FRANCK (E.). Der Bergporling, *Polyporus montanus* Qué., in Münschens Umgebung. - Ber. bayer. bot. Ges., 32, p. 145, 1 fig., 1958.
3604. GIER (L. J.) & HUGGINS (G. F.). Flora of Clay County, Missouri: Polyporaceae. - Trans. Kans. Acad. Sci., 61, 2, pp. 163-164, 1958.
3605. GIBBARDT (M.). Der Spitzenkörper von *Polystictus versicolor* L. - Planta, 50, 1, pp. 47-59, 6 fig., 1957.
3606. GIBBARDT (M.). Über die Substruktur von *Polystictus versicolor* L. - Arch. Mikrobiol., 28, 3, pp. 255-269, 16 fig., 1958.
3607. HARMSEN (L.), BAKSHI (B. K.), & CHOUDHURY (G. G.). Relationship between *Merulius lacrymans* and *Meruliantoides*. - Nature, Lond., 181, 4614, p. 1011, 1958.
3608. IGMANDY (Z.). Contributions à la flore des Polyporaceae dans les bassins carpathiques. - Bot. Köz., 46, 3-4, p. 306, 1956. [Hungarian.]
3609. IMAZEKI (R.). Notes on sampling *Ichnoderma* (*Polyporus*) *resinosum*. - Trans. mycol. Soc. Japan, 6, pp. 11-12, 1957. [Japanese.]
3610. KARTAVENKO (N. T.). (Purging fungus (*Fomitopsis officinalis* (Vill.) Bond. & Sing.) on the insular foxtail grass in the forest steppes in the outer Urals.) - J. Bot. U.S.S.R., 43, 4, pp. 583-584, 1958. [Russian.]
3611. KOTLABA (F.) & POUZAR (Z.). Nové nebo málo známé choroše pro Československo. III. - Čes. Mykol., 12, 2, pp. 95-104, 6 fig., 1958. [*Climacocystis* n. gen. for *Polyporus borealis* and 1 n. var. *Cartilosoma* n. gen. for *Trametes subsinuosa*, *Skeletocutis* n. gen. for *Polyporus amorphus*.]
3612. LOWE (J. L.). Studies in the genus *Fomes*. I. Some synonyms. - Pap. Mich. Acad. Sci., 43, I (1957), pp. 147-149, 1958.
3613. LOWE (J. L.). The genus *Poria* in North America. - Lloydia, 21, 2, pp. 100-114, 1958. [Key to 137 spp. plus a list of 30; 1 n. comb.]
3614. LOWY (B.) & WELDON (A. A.). Synopsis of Louisiana polypores. - Abs. in A. S. B. Bull., 5, 1, p. 13, 1958.
3615. NOBLES (MILDRED K.). Cultural characters as a guide to the taxonomy and phylogeny of the Polyporaceae. - Canad. J. Bot., 36, 6, pp. 883-926, 1958. [252 spp.]
3616. SINHA (A. K.). Effect of glucose concentration on growth of certain Basidiomycetes. - Indian J. mycol. Res., 2 (1956), 1-2, pp. 78-79, [1958]. [*Polystictus xanthopus*, *P. sanguineus*, and *Trametes personii*.]
3617. TEIXEIRA (A. R.). Tipificação do gênero *Fomes* (Fries) Kickx. - Arq. Bot. S. Paulo, N. S., 3, 4, pp. 165-174, 1958. [Portuguese, with emended diagnosis.]
3618. THIND (K. S.) & CHATRATH (M. S.). The Polyporaceae of the Mussoorie Hills - II. - Res. Bull. Panjab Univ., 125, pp. 431-442, 2 pl., 8 fig., 1957.
3619. THIND (K. S.), BINDRA (P. S.), & CHATRATH (M. S.). Ibid. III. - Op. cit., 129, pp. 471-483, 2 pl., 8 fig., 1957.
3620. WALTERS (N. E. M.). *Poria healeyi* sp. nov. the causal fungus of yellow straw rot in Jarrah (*Eucalyptus marginata* Sm.). - Trans. Brit. mycol. Soc., 41, 1, pp. 95-98, 1 pl., 2 fig., 1958.

3621. ZIEGLER (H.) & LAU (G.). Ein Schnelltest zur Identifizierung von Merulius-Arten. - Naturwissenschaften, 45, 2, pp. 45-46, 1 fig., 1958.

BOLETACEAE

3622. CHIU (W.). Atlas of the Yunnan Bolets. - 154 pp., 57 col. pl., 1957. [Japanese.]
3623. DE IMAZ (M. G.). Especies del género Boletus de la Sierra de las cruces y del desierto de los Leones, D. F. - Bol. Soc. bot. Méx., 1958, 22, pp. 28-40, 5 fig., 1958. [12 spp.]
3624. HLAVAČEK (J.) & CHMELÍČEK (J.). Určování hřibovitých, I. - C. C. H. mykol. Sborn., 34, 3-6, pp. 36-50, 1957-8.
3625. SINGER (R.) & DIGILIO (A. P. L.). Las Boletáceas austrosudamericanas. - Lilloa, 28, pp. 247-268, 1957. [inc. *Gyrodon monticola* n. sp.]
3626. SNELL (W. H.) & DICK (ESTHER A.). Notes on Boletes. X. A few miscellaneous discussions and a new subspecies. - Mycologia, 50, 1, pp. 57-65, 1 fig., 1958. [*Boletus rubellus* ssp. *purpureus*.]

AGARICACEAE

3627. ABERDEEN (J. E. C.) & JONES (W.). A hallucinogenic toadstool. - Aust. J. Sci., 21, 5, p. 149, 1958. [*Psilocybe cubensis*.]
3628. ALEKSEEV (I. A.). Winter fungi. - Bot. Zh. S. S. S. R., 42, 8, pp. 1289-1290, 1957. [*Collybia velutipes*, *Pleurotus* spp.]
3629. ARDE (W. R.). The Russulas. - Revised Edition, 15 pp., 15 col. pl., 4324 Spruce Street, Philadelphia 4, Penna. (?) 1958. \$88.50.
3630. BACH (ERNA). The agaric *Pholiota aurea*, physiology and ecology. - 220 pp. Dansk Botanisk Arkiv 16 (2), 1956.
3631. BANERJEE (S.) & SANYAL (S.). Studies on heterothallism - III. *Lentinus subnudus* Berk. & *Lentinus praerigidus* Berk. - Indian J. mycol. Res., 2 [1956], 1-2, pp. 74-75, 2 graph, [1958].
3632. BAS (C.). Notes on Agaricales. - I. - Blumea, Suppl. 4, pp. 137-143, 2 fig., 1958. [*Agrocybe pusiola* and *A. putaminum*.]
3633. BAS (C.). Excursie Verslagen. - Coolia, 5, 6, pp. 46-47, 2 fig., 1958.
3634. BATISTA (A. C.) & VITAL (A. F.). Uma nova espécie do gênero *Tricholoma* (Fr.) Quél. - Rev. Agric., Recife, 1, 1, pp. 15-16, 2 fig., 1958. [*Tricholoma iputingaensis* sp. nov.]
3635. BIGELOW (H. E.). The genus *Clitocybe* (Fries) Kummer in Michigan. - Diss. Abstr., 19, 1, p. 27, 1958. [A number of illegitimate n. spp. and n. combs. listed.]
3636. BIGELOW (H. E.). New species and varieties of *Clitocybe* from Michigan. - Mycologia, 50, 1, pp. 37-51, 2 pl., 1958.
3637. CHARVÁT (I.). Vodohlav isabelový - *Hydrocybe isabellina* (Batsch ex Fr.) Rick. - Čes. Mykol., 12, 1, pp. 12-14, 1 col. pl., 1958.
3638. CHARVÁT (I.). Beločechratka hořká - *Leucopaxillus amarus* (Alb. & Schw. ex Fr.) Kühner v Československu. - Op. cit., 12, 2, pp. 78-82, 1 pl., 2 fig., 1958.
3639. CHMELÍČEK (J.). Jedovaté houby. - C. C. H. mykol. Sborn., 35, 1-4, pp. 45-47, 1958. [*Amanita*]
3640. DAMBLON (J.) & LAMBINON (J.). Un problème de nomenclature mycologique: *Amanita aspera* ou *Amanita virescens*? - Lejeunia, 20 (1956), pp. 27-30, 1958.
3641. DENNIS (R. W. G.). Two species of *Marasmius* described by Hennings from South Brazil. - Kew Bull., 1957, 3, pp. 395-396, 2 fig., 1958.
3642. DE VRIES (G. A.). Een mycologisch probleem II. - Coolia, 4, 3, pp. 21-23, 1957. [*Lactarius* spp.]
3643. ESSETTE (H.). *Psalliota macrospora* Möller et Schaeffer. - Bull. Soc. mycol. Fr., 74, 2, 2 col. pl. (Atlas, pl. CXIV, CXV), 1958.

3644. FAVRE (J.). Agaricales nouvelles ou peu connues. III. - Schweiz. Z. Pilzk., 36, 5, pp. 65-74, 1 col. pl., 6 fig., 1958. [*Dryophila nematolomoides* n. sp., *Drösofila glareosa* n. sp.]
3645. FAVRE (J.). Mycènes nouvelles ou peu connues. - Bull. Soc. neuchâtel. Sci. nat., 1, 80, pp. 60-97, 8 fig., 1957. [5 n. spp., 3 others.]
3646. FUJIOKA (Y.) & UEHARA (K.). Some experiments on culturing *Armillaria matsudake*. - Trans. mycol. Soc. Japan, 6, pp. 10-11, 1957. [Japanese.]
3647. GABRIEL (MADELEINE). Recherches sur les pigments des Agaricales. 1. Comparaison des pigments de *Gymnopilus spectabilis* (Fr.) et *hybridus* (Fr.). - Ann. Univ. Lyon, Sect. C, 10, pp. 65-78, 9 fig., 1958.
3648. GAMS (H.). Kleine Kryptogamenflora von Mitteleuropa Bd. IIB. Basidiomyceten. Tl. 2: Röhrlinge, Blätter- und Bauchpilze, Bearbeitet von M. Moser, 2nd ed., 327 pp., 17 fig., 1955.
3649. GANZHA (R. V.). (Concerning the biology of the development of *Tricholoma flavovirens* (Pers. ex Fr.). - J. Bot. U.S.S.R., 43, 4, pp. 580-581, 1958. [Russian.]
3650. GROVES (J. W.), THOMSON (SHEILA C.), & PANTIDOU (MARIA). Notes on fungi from northern Canada. III. Amanitaceae, Hygrophoraceae, Rhodophyllaceae, and Paxillaceae. - Canad. fld Nat., 72, 3, pp. 133-138, 1958.
3651. HALLER (R.). *Leucopaxillus tricolor* (Peck) Kühner. - Schweiz. Z. Pilzk., 36, 3, pp. 41-45, 1958. [Syn. *Tricholoma pseudoacercbum*.]
3652. HÁSEK (J.). Několik neobvyklých hřibů. - C. C. H. mykol. Sborn., 35, 1-4, pp. 20-21, 1958. [*Boletus edulis* f. *niger*.]
3653. HEIM (R.). Diagnose latine du *Psilocybe wassonii* Heim, espèce hallucinogène des Aztèques. - Rev. Mycol., Paris, 23, 1, pp. 119-120, 1958.
3654. HEIM (R.). *Lactarius* 1955. Flore iconographique des champignons du Congo. - Fasc. 4, pp. 81-98, 3 col. pl., 1955.
3655. HEIM (R.), BRACK (A.), KOBEL (H.), HOFMANN (A.), & CAILLEUX (R.). - Déterminisme de la formation des carpophores et des sclérotés dans la culture du *Psilocybe mexicana* Heim, agaric halucinogène du Mexique, et mise en évidence de la *psilocybine* et de la *psilocine*. - Rev. Mycol., Paris, 23, 1, pp. 106-113, 1 diag., 1 graph, 1958.
3656. HEIM (R.) & CAILLEUX (R.). Latina diagnosis *Psilocybes sempervivae* Heim et Cailleux, speciei mutantis hallucinogenae mexicanae per culturam obtentae. - Op. cit., 23, 2, pp. 352-353, 1958.
3657. HEINEMANN (P.). *Agaricus*, I, 1956. Flore iconographique des champignons du Congo, Fasc. 5, pp. 99-120, 4 col. pl., 1956.
3658. HEINEMANN (P.). Champignons récoltés au Congo belge par madame M. Goossens - Fontana. III. *Cantharellineae*. - Bull. Jard. bot. Brux., 28, 4, pp. 385-438, 21 fig., 1958. [1 n. fam., 2 sect. nov., 1 n. gen., 14 n. spp., 4 n. comb., 2 n. var.]
3659. HENDERSON (D. M.). New and interesting Scottish fungi: I. - Notes roy. bot. Gdn Edinb., 22 (1955-58), 6, pp. 593-597, 1 fig., 1958. [*Cortinarius* (*Myxacium*) *favrei* sp. nov. and *Omphalina luteoilacina* c. nov.]
3660. HENRY (R.). Description d'une espèce rare: *Hydrotelamonia pygmaea* (Velenovsky). - Bull. Soc. mycol. Fr., 74, 1, 1 col. pl. (Atlas, pl. CXIV), 1958.
3661. HENRY (R.). Suite à l'étude des Cortinaires. I. Champignons visqueux. - Op. cit., 74, 3, pp. 249-361, 21 fig., 1958. [10 n. spp., 4 n. var., 4 n. f., 2 n. nom.]
3662. HESLER (L. R.). Southeastern Agaricales II. - J. Tenn. Acad. Sci., 33, 3, pp. 186-191, 1958. [59 spp. of *Tricholoma*, 2 n. combs.]
3663. HINTIKKA (E. V. K.). Über die finnischen Arten und Varietäten der Gattung *Xeromphalina* Kühner & Maire. - Karstenia, 4 (1957), pp. 5-9, 3 fig., 1958.
3664. HOFMANN (A.), HEIM (R.), BRACK (A.), & KOBEL (H.). *Psilocybin*, ein psychotroper Wirkstoff aus dem Mexikanischen Rauschpilz. - Rev. Mycol., Paris, 23, 1, pp. 114-118, 2 graphs, 1958. [Active principal of *Psilocybe mexicana*.]

3665. HONGO (T.). On *Agrocybes* of Japan. - Trans. mycol. Soc. Japan, 4, pp. 1-3, 1957. [Japanese.]
3666. HONGO (T.). Notes on Japanese larger fungi (12). - J. Jap. Bot., 33, 2, pp. 41-48, 3 fig., 1958. [6 n. spp.]
3667. HONGO (T.). Ibid. (13). - Op. cit., 33, 11, pp. 344-350, 3 fig., 1958. [8 spp. incl. *Marasmius purpureostriatus* n. sp., *Amanita lutescens* n. sp., and *A. citrina* f. *grisea* n. f.]
3668. HONGO (T.). Studies on the Agaricales of Japan 1. The genus *Hygrophorus* in Shiga-Prefecture (1.). - J. Jap. Bot., 33, 4, pp. 97-103, 2 fig., 1958. [1 n. sp., 1 n. f., 1 n. con. b.]
3669. HONGO (T.). Ibid. (2). - Op. cit., 33, 5, pp. 134-141, 3 fig., 1958. [2 n. spp., 1 n. f.]
3670. HORNÍČEK (E.). *Holubinka vodomilná* - *Russula hydrophila* sp. n. - Čes. Mykol., 12, 3, pp. 170-172, 1 fig., 1958.
3671. HUIJSMAN (H. S. C.). Note complémentaire à propos de *Cystoderma superbum* Huijsm. - Fungus, Wageningen, 28, 1-4, p. 47, 1957.
3672. HUIJSMAN (H. S. C.). Deux *Mycena* nouveaux. - Blumea, Suppl., 4, pp. 158-162, 2 fig., 1958.
3673. IMLER (L.). Notes critiques. - Bull. Soc. mycol. Fr., 74, 1, pp. 94-98, 1958. [*Amanita ampla*, *Xerocomus porosporus* n. sp., and *Panaeolus fimicola*.]
3674. ITO (S.). Classification of Agaricales. - Trans. mycol. Soc. Japan, 2, pp. 4-5, 1956. [Japanese.]
3675. ITO (S.). Ibid. (2). - Op. cit., 9, pp. 7-15, 1958. [Japanese.]
3676. ITO (S.) & ŌTANI (Y.). Two new species of *Exobasidium*. - Trans. mycol. Soc. Japan, 8, pp. 3-4, 2 fig., 1958. [*E. empetri* and *E. nudum* (*E. camelliae* var. *nude*).]
3677. JANSSEN (P. B.). Paddenstoelen van Dorst en Omgeving. - Coolia, 4, 3, pp. 18-20, 1 fig., 1957.
3678. JANSSEN (P. B.). Een merkwaardige 'vezelkop'. - Op. cit., 5, 1, pp. 5-7, 1 fig., 1958. [*Inocybe bucknalli*.]
3679. JOGUET (R.). *Cortinarius lutescens* (Rea) syn: *Cort. turbinatus* var. *lutescens* (Rea) Henry. - Bull. Soc. mycol. Fr., 74, 3, 1 col. pl., (Atlas, Pl. CXVI), 1958.
3680. KIMURA (K.). Diploidisation in the Hymenomycetes. II. Nuclear behavior in the Buller phenomenon. - Biol. J. Okayama Univ., 4, 1-2, pp. 1-59, 3 fig., 1958. [*Coprinus macrorrhizus* f. *microsporus* and *Psilocybe coprophila*.]
3681. KIMURA (K.) & TAKEMARU (T.). Cytological studies of fungi. 1. Basidial development of *Coprinus macrorrhizus* Rea f. *microsporus* Hongo. - Op. cit., 2, 2-3, pp. 51-61, 3 pl., (69 fig.), 1 fig., 1955.
3682. KLOUČEK (M.). Nález šafranky. - C. C. H. mykol. Sborn., 35, 1-4, pp. 34-35, 1958. [*Tricholoma rutilans*.]
3683. KOMAROVA (Mm É. P.). (Concerning the flora of the Agarics in White Russia.) - Bull. Inst. Biol. Acad. Sci., B. S. S. R., 1956, 2, pp. 40-42, 1957. [Russian.]
3684. KRAFT (M. -M.). Sur la répartition d'*Amanita caesarea* (Fr. ex Scop.) Quéél. en France (compléments). - Bull. Soc. mycol. Fr., 74, 2, pp. 196-206, 1 map, 1958.
3685. KRAFT (M. -M.). Sur la répartition d'*Hygrophorus marzuolus* (Fr.) Bres. - Ber. Schweiz. bot. Ges., 68, pp. 254-288, 3 maps, 1958.
3686. KUBIČKA (J.). Stanoviště helmovky zoubkaté - *Mycena pelianthina* (Fr.) Quéél. pod dubem. - Čes. Mykol., 12, 1, p. 59, 1958.
3687. KUBIČKA (J.). *Boletus gentilis* (Quéél.) Kallenb. - hřib žlutoporý na Třeboňsku. - Op. cit., 12, 1, p. 59, 1958.
3688. KUBIČKA (J.). *Mycena mirata* (Peck) Saccardo - helmovka obdivuhodná, nová pro ČSR. - Op. cit., 12, 1, pp. 36-39, 2 fig., 1958.
3689. KÜHNER (H.). Agaricales non encore signalées dans la région de Luchon (Haute-Garonne). - Bull. Soc. Hist. nat. Toulouse, 92, 3-4, pp. 272-276, 1957.

3690. KUSANO (S.). Witches broom of *Neolitsea sericea* (Blume) Koidz. caused by *Exobasidium* sp. - Trans. mycol. Soc. Japan, 2, pp. 3-4, 1956. [Japanese.]
3691. LAMBINON (J.). Observation sur les variations des caractères cystidiaux chez *Inocybe lanuginosa* s.l. d'après quelques récoltes Belges. - Lejeunia, 20 (1956), pp. 31-34, 6 fig., 1958.
3692. LAMOURE (MLLE D.). Étude cytologique, des germinations et des mycéliums de quelques Agaricales. - Bull. Soc. mycol. Fr., 74, 2, pp. 189-195, 2 fig., 1958.
3693. LAMOUR (M.). Une nouvelle définition des Agaricales. - Bull. Jard. bot. Brux., 27 [1957], 4, pp. 557-561, [1958. Also published in Z. Pilzk., 23, pp. 1-4, 1957.]
3694. MARBAIX (J. DE). Lactaires groupe Fuliginosi. - Z. Pilzk., 1956, 1, pp. 15-16, 1956.
3695. MUNK (R.) & MUNK (A.). A list of Agaricales (sensu lato) found at Strandkjaer, Mols. - Nat. Jutland., 6-7, p. 23, 1957.
3696. NIOLE (P.). Révision des Russules d'après Konrad et Maublanc, dans leur ouvrage 'Les Agaricales', T. II. - Bull. Soc. mycol. Fr., 74, 1, pp. 111-122, 1958.
3697. OPRŠAL (F.). Jak rychle rostou houby? - Čes. Mykol., 12, 2, pp. 120-122, 1958. [Growth rates of 9 spp.]
3698. ORTON (P. D.). The genus *Cortinarius*. II. *Inoloma* and *Dermocybe*. - Naturalist, Lond., 1958, pp. 81-149, 17 fig., 1958.
3699. PARROT (A.). *Tricholoma colossus*, champignon rare, nouveau au Pays basque français. - Bull. Soc. Hist. nat. Toulouse, 92 (1957), 3-4, pp. 223-230, 6 fig., 1958.
3700. PAUL (H.) & POELT (J.). *Omphalia belliae* (Johnst.) Karst., ein übersehener Blätterpilz, in Oberbayern. - Ber. bayer. bot. Ges., 32, p. 149, 1958.
3701. PILÁT (A.). *Paxillus ionipus* Quéf. in Böhmen. - Sydowia, 11 (1957), 1-6, pp. 76-78, 1958.
3702. PILÁT (A.) & SVRČEK (M.). *Pavučinec (lilák) zlatový* - *Cortinarius (Inoloma) tophaceus* Fr. v. Československu. - Čes. Mykol., 12, 1, pp. 40-41, 1 fig., 1958.
3703. RAPER (J. R.) & MILES (P. G.). The genetics of *Schizophyllum commune*. - Genetics, 43, 4, pp. 530-546, 1958.
3704. ROMAGNESI (H.). Compléments à la flore analytique. IX. *Inocybe obsoleta* Romagn. - Bull. Soc. mycol. Fr., 74, 2, pp. 145-148, 1 fig., 1958.
3705. ROMAGNESI (H.). Recherches sur les Lactaires à lait rouge (*Dapetes* Fr.). - Rev. Mycol., Paris, 23, 3, pp. 261-281, 4 fig., 1958. [2 n. spp.]
3706. ROMAGNESI (H.). *Russula sericatula* nov. sp. - Bull. mens. Soc. linn. Lyon, 27, 10, pp. 284-287, 1958.
3707. SHEMAKHANOVA (Mme N. M.). (Hebeloma crustuliniforme (Bull.) Fr. - mycorrhizal to Oak.) - Microbiology, Moscow, 25, 1, pp. 57-60, 4 fig., 1956. [Russian.]
3708. SILAGHI (G.). Cîteva macromicete noi pentru microflora RPR. - Comun. Acad. Repub. rom., 7, 6, pp. 609-614, 1957.
3709. SINGER (R.). Mycological investigations on teonanácatl, the Mexican hallucogenic mushroom. Part I. The history of teonanácatl, field work and culture work. - Mycologia, 50, 2, pp. 239-261, 5 fig., 1 map, 1958.
3710. SINGER (R.). New and interesting species of Basidiomycetes. V: Descriptions of Russulae. - Sydowia, 11 (1957), 1-6, pp. 141-272, 1958. [1 n. sect., 4 n. spp., 2 n. ssp., 1 n. var., 1 n. comb.]
3711. SINGER (R.). Fungi mexicani, Series prima - Agaricales. - Op. cit., 11 (1957), 1-6, pp. 354-374, 1958. [5 n. comb., 4 n. spp., 1 n. ssp.]
3712. SINGER (R.). New genera of fungi. VIII. Notes concerning the sections of the genus *Marasmius* Fr. - Mycologia, 50, 1, pp. 103-110, 1958. [*Marasmius neosessilis* sp. nov., *Amparoia spinosissima* gen. nov.]
3713. SINGER (R.). Ibid. X. *Pachylepyrium*. - Sydowia, 11 (1957), 1-6, pp. 320-322, 1958. [*P. fulvidula* n. comb., *P. carbonicola* n. comb.]

3714. SINGER (R.). A *Russula* provoking hysteria in New Guinea. - *Mycopathologia*, 9, 4, pp. 275-278, 1 pl., 1958. [*R. nondorbingi* n.sp.]
3715. SINGER (R.) & SMITH (A.H.). New species of *Psilocybe*. - *Mycologia*, 50, 1, pp. 141-142, 1958.
3716. SINGER (R.) & SMITH (A.H.). Ibid. Part II. A taxonomic monograph of *Psilocybe*, section *caerulescentes*. - *Op.cit.*, 50, 2, pp. 262-303, 50 fig., 1958. [5 n.combs.]
3717. SINGER (R.), SMITH (A.H.), & HUERTA (G.G.). A new species of *Psathyrella*. - *Lloydia*, 21, 1, pp. 26-28, 1 fig., 1958. [*P. sepulchralis*.]
3718. SKIRGIELLO (Mme A.) & NESPIAK (A.). *Cortinarius* (*Dermocybe*) *orellanus* Fr. non Quéf. - przyczyna licznych zatruc grzybowych w Polsce w latach 1952-55. - *Acta Soc.Bot.Polon.*, 27, 2, pp. 216-220, 1958.
3719. SMITH (A.H.) & SINGER (R.). The genus *Galerina*: an outline of its classification. - *Sydowia*, 11 (1957), 1-6, pp. 446-453, 1958. [7 n.comb., 5 n.sect., 2 n.ssect.]
3720. SMITH (A.H.) & SINGER (R.). New species of *Galerina*. - *Mycologia*, 50, 4, pp. 469-489, 1958. [20 n.spp., 3 n.vars.]
3721. SMITH (A.H.) & STUNTZ (D.E.). Studies on the genus *Pluteus* I. Redescriptions of American species based on a study of type specimens. - *Lloydia*, 21, 3, pp. 115-136, 1958.
3722. SMOTLACHA (F.). Šupinovka vrásčitá neboli sluka. - *C.C.H.mykol.Sborn.*, 35, 1-4, pp. 32-33, 1 fig., 1958. [*Pholiota* (*Rozites*) *caperata*.]
3723. STANĚK (M.). Klíčení basidiospor pěstovaného *Zampionu* - *Agaricus hortensis* (Cooke) Pilát. - *Čes.Mykol.*, 12, 3, pp. 173-179, 3 fig., 1 graph, 1958.
3724. TAKEMARU (T.). Genetics of *Collybia velutipes*, VI. Linkage study with a spontaneous physiological mutant. - *Jap.J.Genet.*, 32, 9-10, pp. 286-292, 1957.
3725. THIERS (H.D.). The agaric flora of Texas. II. New taxa of white- and pink-spored agarics. - *Mycologia*, 50, 4, pp. 514-523, 1958. [7 n.spp. and 2 n.vars.]
3726. THIERS (H.D.). The Agaricaceae of the Pine belt and adjacent areas in Eastern Texas. - *Diss.Abstr.*, 18, 4, p. 1233, 1958.
3727. TOMINAGA (Y.). Cytogenetic studies of the Hymenomycetous fungi I. On the spore germination and mycelium division of *Armillaria matsutake* Ito et Imai, Japanese Pine mushroom. - *Bull.Hiroshima agric.Coll.*, 1, 1, pp. 1-5, 3 fig., 1958.
3728. Van VUURE (M.). Enkele *Russula*'s en *Lactarii*, gevonden op de excursie van 19 Oktober in de duinen bij Haarlem. - *Coolia*, 5, 6, pp. 43-45, 1958.
3729. VESELSKY (J.). (Group discerning of big mushrooms by their exterior signs.) - *C.C.H.mykol.Sborn.*, 34, 1-2, pp. 2-8, 1957. [Czech. A key to *Agaric* genera.]
3730. VIÉGAS (A.P.). Podridão das raízes da Cafeeiro. I. - *Bol.Suptda.Serv.Café, S.Paulo*, 32, 368, pp. 7-16, 2 fig., 1 map, 1957. [*Marasmius viegasii* Singer sp.nov.]
3731. VIÉGAS (A.P.). Ibid. II. - *Op.cit.*, 32, 369, pp. 10-19, 1957.
3732. WILDERVANCK (L.S.). Enkele opmerkingen over omgekeerde hoeden op *Agaricaceae* en *Cantharellaceae*. - *Acta bot.neerl.*, 7, pp. 282-290, 12 fig., 1958.

GASTEROMYCETES

3733. BATISTA (A.C.) & VITAL (A.F.). Um novo *Gasteromiceto* da família *Mesophelliaceae*. - *An.Soc.Biol.Pernambuco*, 15, 1, pp. 13-18, 2 pl., 1957. [*Mesophelliopsis* n.gen.]
3734. CRIBB (JOAN W.). The *Gasteromycetes* of Queensland - IV *Gautieria*, *Hysterangium*, and *Gymnoglossum*. - *Pap.Dep.Bot.Univ.Qd.*, 3 (1957), 18, pp. 153-159, 1 fig., 1958. [*Gautieria queenslandica* n.sp., 3 n.spp.*Hysterangium*, and 4 of *Gymnoglossum*.]
3735. CRIBB (JOAN W.). Ibid. - V *Octaviania* and *Hydnangium*. - *Op.cit.*, 3, 25, pp. 248-254, 1 pl., 1958. [4 n.spp., 1 n.comb.]

3736. HULTÉN (E.). *Trichaster melanocephalus* Czern. funnen på Öland. - Bot. Notiser, 111, 1, pp. 390-393, 2 fig., 1958.
3737. McKNIGHT (K. H.). Some unusual Gasteromycetes from Utah. - Proc. Utah Acad. Sci., 34, pp. 155-156, 1956/57.
3738. PALMER (J. T.). Observations on Gasteromycetes. VI. Three British species of *Nidularia* Fr. section *Sorosia* Tul.: ecology and distribution. - Trans. Brit. mycol. Soc., 41, 1, pp. 55-63, 2 fig., 1958.
3739. PALMER (J. T.). Ibid. VII. *Geastrum vulgatum* Vitt. - A more definite name for *Geastrum rufescens* auct. - Fungus, Wageningen, 28, 1-2, pp. 62-76, 16 fig., 1 map, 1958.
3740. PILÁT (A.). Flora ČSR. B-1. Gasteromycetes, houby-břichatky. - 862 pp., 256 fig., Nakladatelství Československé Akademie věd, Prague, 1958, 87, 50 Kčs. [Many nova.]
3741. SINGER (R.) & SMITH (A. H.). Studies on secotiaceous fungi - I: A monograph of the genus *Thaxterogaster*. - Brittonia, 10, 4, pp. 201-216, 2 pl., 1958. [3 n. comb.]
3742. SINGER (R.) & SMITH (A. H.). Ibid - II: *Endoptychum depressum*. - Op. cit., pp. 216-221, 1 pl., 1958. [1 n. sp., 1 n. comb.]
3743. SINGER (R.) & SMITH (A. H.). Ibid. III. The genus *Weraroa*. - Bull. Torrey bot. Cl., 85, 5, pp. 324-334, 5 fig., 1958.
3744. van EYNDHOVEN (G. L.), HANDKE (H. -H.), LANGE (M.), & PALMER (J. T.). Interesting Belgian Gasteromycetes, with observations on the development of *Trichaster melanocephalus* Czern. - Bull. Jard. bot. Brux., 28, 2, pp. 161-171, 1 pl., 1 fig., 1958.

PHALLALES

3745. LELLEP (E.). Luite-tanuseene *Phallus impudicus* L. var. *iosmos* (Berkeley) Rea esmasleid Saaremaalt. - Lood. Sel. aastar. Eesti Akad. juur., 48, pp. 374-376, 1955.

LYCOPERDALES

3746. CHIARUGI (A.). Un secondo reperto in Toscana del 'Myriostoma coliforme' (Dicks.) Corda. - Webbia, 14, 1, pp. 73-80, 1 pl., 1958.
3747. KREISEL (H.). Der Tatra-Bovist, *Calvatia tatrensis* Hollós, in den Allgäuer Alten. - Ber. bayer. bot. Ges., 32, p. 147, 1 fig., 1958.

SCLERODERMATALES

3748. HERRERA (T.). *Geastrum* y *Astraeus* en el valle de México. - An. Inst. Biol. Univ. Méx., 28 (1957), 1, pp. 17-56, 9 fig., 1958.
3749. LARSSON (B. M. P.). Gasteromycetstudier. I. *Geastrum triplex* Jungh. funnen på Kinnekulle. - Svensk bot. Tidskr., 52, 2, pp. 284-290, 1 map, 1958.
3750. MALENÇON (G.). Les élatères et les spores du *Battarraea guicciardiniana* Cesati. - Rev. mycol., Paris, 23, 1, pp. 3-27, 3 fig., 1958.
3751. MORAVEC (Z.). *Tulostoma hollosii* Mor. sp. n., a new species of puff-balls in Czechoslovakia. - Preslia, 28, 1, p. 41, 1956.
3752. VASIL'KOV (B. P.). (Taxonomic relations in fungi of the genus *Scleroderma* Pers. in U.S.S.R.) - Bot. mater. (Not. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), Ser. 2, 11, pp. 53-74, 1956. [Russian.]

NIDULARIALES

3753. BRODIE (H.). Renewal of growth and occurrence of twin fruit bodies in the *Nidulariaceae*. - Svensk bot. Tidskr., 52, 3, pp. 373-378, 2 pl., 1958.
3754. PALMER (J. T.). Revise *Nidularia arundinacea* Vel. a její srovnání s příbuznými druhy. - Čes. Mykol., 12, 3, pp. 132-136, 1 fig., 1958.

HYMENOGASTRALES

3755. HEIM (R.). Données nouvelles sur la phylogénie des Astérosporaes. - C.R.Acad.sci., Paris, 246, pp. 3561-3565, 1958.
3756. KNAPP (A.). Die europäischen Hypogaeen-Gattungen und ihre Gattungstypen. - Schweiz. Z. Pilzk., 36, 10, pp. 145-161, 1958.
3757. SINGER (R.). New genera of fungi, IX. The probable ancestor of the Strophariaceae: *Weraroa* gen. nov. - Lloydia, 21, 1, pp. 45-47, 1958. [Type *Secotium novaezelandiae* Cunn.]

FUNGI IMPERFECTI

3758. BREWER (D.). Studies on slime accumulations in pulp and paper mills. 1. Some fungi isolated from mills in New Brunswick and Newfoundland. - Canad.J.Bot., 36, 6, pp. 941-946, 5 fig., 1958. [11 spp.]

SPHAEROPSIDALES

3759. AGNIHOTHRUDU (V.). A new species of *Discosiella* from Assam. - J.Indian Bot.Soc., 37, 1, pp. 42-46, 6 fig., 1958.
3760. BATISTA (A. C.), COSTA (C. A. A.), & VITAL (A. F.). Novos ou raros *Leptostromaceae*. - An.Soc.Biol.Pernambuco, 15, 2, pp. 399-411, 7 fig., 1957. [4 n. gen., 4 n. spp.]
3761. BATISTA (A. C.), COSTA (C. A. A.), & VITAL (A. F.). Novos ou raros *Leptostromaceae*. - Op.cit., 15, 2, pp. 399-411, 1 pl., 6 fig., 1957. [Publ.Inst.Micol.Recife, 82. 4 n. gen., 4 n. spp.]
3762. BATISTA (A. C.) & VITAL (A. F.). Contribuição ao estudo dos fungos Sphaeropsidales. - Op.cit., 15, 2, pp. 413-427, 11 fig., 1957. [*Chaetodiplodina cubensis*, *Cicinnobella tetracericola*, *Epistigme ingae*, *Plenodomus corni*, *Sirodothis citri*, *Sirospasma eryobotryae* n. spp. *Scutopycnis osmanthusi* n. gen. n. sp. Publ.Inst.Micol.Recife 83.]
3763. BONDARTZEVA-MONTEVERDE (Mme V. N.). (New imperfect fungi.) - (Notul.syst.Sect.crypt. Inst.bot.Acad.Sci.U.S.S.R.), 5, 10-12, pp. 157-161, 8 fig., 1945. [Latin. 7 n. spp. *Aschochyta*, 1 of *Phomopsis*.]
3764. CHANGSRI (W.) & WEBER (G. F.). Leafspot of Marigold, *Tagetes erecta*, caused by *Septoria tageticola* n. sp. - Phytopathology, 48, 10, pp. 561-565, 3 fig., 1958.
3765. CIFERRI (R.) & MONTEMARTINI (R. C.). Revisione del genere *Cytosporina* e sistemazione di *C. citriperda* Camp. - Sydowia, 11 (1957), 1-6, pp. 296-310, 1958. [*Ruggieria glaucescens* n. gen., n. comb.]
3766. CROSSAN (D. F.). The relationships of seven species of *Ascochyta* occurring in North Carolina. - Phytopathology, 48, 5 (1), pp. 248-255, 4 fig., 1958. [A. *phaseolorum* and 6 synonyms.]
3767. CUNNELL (G. J.). On *Robillarda phragmitis* sp. nov. - Trans.Brit.mycol.Soc., 41, 4, pp. 405-412, 3 fig., 1958.
3768. DA MATTA (E. A. F.). Uma septoriose do Sapoteizeiro (*Achras sapota* L.) causada por *Septoria batistae* n. sp. - Bol.Inst.biol.Bahia, 2, 1, pp. 12-15, 1 fig., 1955.
3769. ECHANDI (E.). La quema de los cafetos causada por *Phoma costarricensis* n. sp. - Rev.Biol.trop., 5, 1, pp. 81-102, 2 pl., 1 graph, 1957.
3770. EDWARDS (J. C.) & NAIM (Z.). Leaf blight of *Caesulia axillaris* Roxb. - Sci. & Cult., 23, 11, pp. 617-618, 1958. [*Septoria caesuliae*.]
3771. HINO (I.) & KATUMOTO (K.). On *Chaetopatella*, a new genus of the *Excipulaceae*. - J.Jap.Bot., 33, 8, pp. 233-239, 3 fig., 1958. [2 n. spp., 1 n. comb.]
3772. IWATA (Y.). *Phyllosticta aspidistrae* Oud. and *Macrophoma aspidistrae* n. sp. on the leaf of *Aspidistra elatior* Blume. - Ann.phytopath.Soc.Japan, 22, 3, pp. 164-165, 4 fig., 1957. [Japanese.]
3773. MALCOMSON (JEAN F.). A consideration of the species of *Phoma* which parasitize potatoes. - Trans.Brit.mycol.Soc., 41, 4, pp. 413-418, 1 pl., 1958. [*P. solanicola*, (syn. *P. tuberosa* and *P. foveata*) and *P. eupyrena*.]

3774. PETRAK (F.). Zwei neue Arten der Gattung Siroplacodium Petr. aus den Kurdischen Hochgebirgen. - Sydowia, 11 (1957), 1-6, pp. 317-319, 1958. [*Siroplacodium umbelliferarum* n. sp. *S. longisporum* n. sp.]
3775. PETRAK (F.). Über die Septoria-Arten auf Geranium. - Op. cit., 11 (1957), 1-6, pp. 323-326, 1958. [*Rhabdospora geranii* n. comb.]
3776. PETRAK (F.). Über die auf Aconitum vorkommenden Arten der Gattung Septoria. - Op. cit., 11 (1957), 1-6, pp. 375-379, 1958. [*Rhabdospora napelli* n. comb.]
3777. PINE (T. S.). Etiology of the dead arm disease of Grapevines. - Phytopathology, 48, 4, pp. 192-197, 4 fig., 1958. [*Phomopsis viticola* and its synonyms.]
3778. QAZI (A.), KHAN (S. A.), & STAFFELDT (E. E.). Identifications of *Rhizoctonia bataticola*. - Pakist. J. sci. Res., 9, 3, p. 118, 1957.
3779. RUPPRECHT (H.). Beiträge zur Kenntnis der Fungi imperfecti. - Sydowia, 11 (1957), 1-6, pp. 121-129, 1958. [19 n. spp., 3 n. comb.]
3780. RUPPRECHT (H.). Ibid. II. - Op. cit., 11 (1957), 1-6, pp. 424-434, 1958. [8 n. spp., 5 n. comb.]
3781. ZAMBETTAKIS (C.) & NICOT (J[ACQUELINE]). Sur un *Rhynchodiplodia* nouveau. - Bull. Soc. mycol. Fr., 74, 2, pp. 216-220, 1 fig., 1958.

MELANCONIALES

3782. ARX (J. A. von). Die "Gloeosporien" des Kernobstes. - Phytopath. Z., 33, 1, pp. 108-114, 4 fig., 1958.
3783. GAMBOGI (P.) & VERONA (O.). Presenza in Italia di *Pestalotia populi-nigrae* Sawada et K. Itô, causa di una malattia ('shoot blight') del Pioppo. - Ann. Sper. agr., 12, 4, Suppl., pp. I-III, 1958. [*P. lignorum* = *P. populi-nigrae*.]
3784. VITAL (A. F.). O assinalamento de *Fumago vagans* Pers. ex Sacc. sobre exsiccata de Herbário da Universidade de Pádua, Italia. - An. Soc. Biol. Pernambuco, 15, 2, pp. 361-368, 1957. [Publ. Inst. Micol. Recife 80.]
3785. VÖRÖS (J.). A *Septogloeum populiperdum* Johannes-ról. - Bot. Köz., 47, 3-4, pp. 344-350, 1956. [*S. johannesii* n. nom.]

MONILIALES (including some general papers on Hyphomycetes)

3786. ABE (S.). *Penicillia* (Atlas of microorganism I). - 330 pp., 183 figs. (75 col.), Kanehara Shuppan, 1957. [Japanese.]
3787. AGNIHOTHURUDU (V.). Notes on fungi from North-East India. I. A new genus of Tuberculariaceae. - Mycologia, 50, 4, pp. 570-579, 12 fig., 1958. [*Thozetellopsis tocklaiensis*.]
3788. AGNIHOTHURUDU (V.) & BARUA (G. C. S.). *Kutlakopsis*, a new genus of Tuberculariaceae from North-east India. - J. Indian Bot. Soc., 36, 3, pp. 306-311, 12 fig., 1957.
3789. ALIKHANYAN (S. I.) & BORISOVA (Mme L. Y.). (Vegetative hybridization of fungi of the genus *Penicillium*.) - Izv. Acad. Sci. U.S.S.R., Ser. Biol., 1956, 2, pp. 74-90, 1956.
3790. ASCHNER (M.) & KOHN (S.). The biology of *Harposporium anguillulae*. - J. gen. Microbiol., 19, 1, pp. 182-189, 2 pl., 1958.
3791. BARNETT (H. L.). A new *Calcarisporium* parasitic on other fungi. - Mycologia, 50, 4, pp. 497-500, 10 fig., 1958.
3792. BATISTA (A. C.). Novos gêneros e espécies de fungos imperfeitos. - Rev. Biol. Lisboa, 1, 2, pp. 97-112, 8 fig., 1957. [*Creothyriella sideroxyfoliae* n. gen. n. sp., *Diplodiella litseae* n. sp., *Heptaster regnellianae* n. sp., *Pentaporsporium fourcroyae* n. gen., n. sp., *Protostroma hyphaenea* n. gen. n. sp., *Ramalia veronicae* n. gen. n. sp. also published as Publ. Inst. Micol. Recife 93.]
3793. BATISTA (A. C.). Análise taxonômica de *Fumago vagans* Pers. ex Sacc. - An. Soc. Biol. Pernambuco, 15, 2, pp. 333-343, 1 fig., 1957. [Publ. Inst. Micol. Recife 77.]

3794. BATISTA (A. C.) & CIFERRI (R.). Dictyoarthrinopsis and Setodochium, two new genera of moniliaceous fungi. - Att.Ist.bot.Univ.Pavia, ser. 5, 15, pp. 57-62, 3 fig., 1958. [2 n.spp.]
3795. BATISTA (A. C.) & MAIA (H. da S.). Alguns *Penicillia* de contaminação. - An.Soc.Biol.Pernambuco, 15, 1, pp. 149-180, 26 fig., 1957. [2 n.spp. *Paecilomyces*, 2 n.spp. *Penicillium*.]
3796. BATISTA (A. C.) & MAIA (H. da S.). Alguns *Aspergillus* contaminantes de culturas. - Op.cit., 15, 1, pp. 181-237, 48 fig., 1957. [3 n.spp., 3 n.var.]
3797. BATISTA (A. C.), MAIA (H. da S.), & VITAL (A. F.). *Memnoniella echinata* (Rivolta) Galloway - Observações culturais. - Op.cit., 15, 1, pp. 83-92, 4 pl., 2 fig., 1957.
3798. BATISTA (A. C.), MAIA (H. da S.), & VITAL (A. F.). Duas novas espécies de *Gliocladium* e *Hyalopus*. - Op.cit., 15, 1, pp. 127-132, 1 pl., 1957. [*Gliocladium citrinum*, *Hyalopus violaceum*, n.spp.]
3799. BATISTA (A. C.) & NASCIMENTO (M. L.). Alguns novos fungos imperfeitos do complexo de *Fumagina*. - Op.cit., 15, 2, pp. 345-353, 4 fig., 1957. [*Hormiokrypsis libocedri* n.gen. n.sp.; *Hormisciella rubi* n.sp., *Hormisciomyces prepusum* n.gen. n.sp. Publ.Inst.Micol.Recife 78.]
3800. BATISTA (A. C.) & VITAL (A. F.). Novas diagnoses de fungos Dematiaceae. - Op.cit., 15, 2, pp. 373-397, 18 fig., 1957. [Publ.Inst.Micol.Recife 81. 11 n.spp.]
3801. BATISTA (A. C.), VITAL (A. F.), & MAIA (H. da S.). Contribuição Pernambucana ao estudo dos fungos imperfeitos. - Rev.Biol.Lisboa, 1, 2, pp. 116-124, 1 fig., 1957. [*Asterostromina solaris* n.sp., *Pestalotiopsis capparidicola* n.sp., *Scutopeltis alafiae* n.gen. n.sp. Also published as Publ.Inst.Micol.Recife 92.]
3802. BORELLI (D.). *Sporotrichum gougerotii* - *Phialophora jeanselmei*: *Phialophora gougerotii*. - Acta cient.Venezol., 6, 2, pp. 80-81, 1955. [P. *gougerotii* n.comb.]
3803. BOURIQUET (G.) & BATAILLE (J.). Deux champignons parasites du bananier à Madagascar: *Cercospora musae* et *Alternaria musae* nov.sp. - Fruits d'outre mer, 13, 2, pp. 47-52, 7 fig., 1958.
3804. BROWN (JULIET C.). British records, 17. - Trans.Brit.mycol.Soc., 41, 1, p. 64, 1958. [*Asteromyces cruciatus*.]
3805. BROWN (JULIET C.) & KENDRICK (W. B.). *Gliomastix guttuliformis* sp.nov. - Op.cit., 41, 4, pp. 499-500, 1 pl., 1 fig., 1958.
3806. CAPRIOTTI (A.). *Candida vanriji* nova species. A new yeast from Swedish soils. - Arch.mikrobiol., 30, 2, pp. 226-230, 2 fig., 1958.
3807. CARMICHAEL (J.W.). *Geotrichum candidum*. - Mycologia, 49 (1957), 6, pp. 820-830, 9 fig., 1958. [55 synonymys.]
3808. CIFERRI (R.). *Mauginiella*, a synonym of *Sporendonema*. - Atti Ist.bot.Univ.Pavia, Ser. 5, 15, pp. 126-133, 1958.
3809. CIFERRI (R.) & MONTEMARTINI (A.). Sui generi *Muchmoria* Sacc. e *Veronaea* n.gen. (Dematiaceae, *Didymosporae*). - Op.cit., 15, pp. 67-72, 2 fig., 1958. [1 n.sp.]
3810. DAS (S.). A new species of *Cercospora* on *Blumea lacera* DC. - Curr.Sci., 27, 7, pp. 260-261, 2 fig., 1958. [C. *blumeicola*.]
3811. DI MENNA (MARGARET E.). Two new species of yeasts from New Zealand. - J.gen.Microbiol., 18, 1, pp. 269-272, 2 fig., 1958. [*Candida muscorum* and *Rhodotorula graminis*.]
3812. DI MENNA (MARGARET E.). *Torulopsis ingeniosa* n.sp. from grass leaves. - Op.cit., 19, pp. 581-583, 1 fig., 1958.
3813. DWIVEDI (R. S.). An addition to Indian *Aspergilli*. - Curr.Sci., 27, 12, p. 496, 1 fig., 1958.
3814. ECKSTEIN (BARBARA). Karyologische Untersuchungen an einer Wildhefe. - Arch.Mikrobiol., 32, 1, pp. 65-80, 36 fig., 1958. [*Candida scottei*.]
3815. ELLIS (M. B.). *Clasterosporium* and some allied Dematiaceae - *Phragmosporae*. I. - Mycol.Pap. 70, 89 pp., 63 fig., 1958.

3816. FASSATIOVÁ (OLGA). O varjabilite rodových znaku u imperfektních rodu *Fusarium* Link. a *Cephalosporium* Corda. - Čes. Mykol., 12, 1, pp. 15-22, 7 fig., 1958.
3817. FASSATIOVÁ (OLGA). Imperfektní houby parazitující na vyšších houbách. - Op. cit., 12, 3, pp. 151-157, 3 fig., 1958. [5 spp.]
3818. FRÁGNER (P.). K taxonomii druhů rodu *Trichophyton* Malmsten 1845. - Op. cit., 12, 1, pp. 42-47, 1958.
3819. FUJIOKA (Y.). Morphological studies of *Cornularia persicae* (Schw.) Sacc., new to Japan. - Bull. Hiroshima agric. Coll., 1, 1, pp. 23-26, 1 pl., 1958. [Pseudographiae.]
3820. GEORG (LUCILLE K.), KAPLAN (W.), & CAMP (L.B.). *Trichophyton equinum*. - A re-valuation of its taxonomic status. - J. invest. Derm., 29, 1, pp. 27-37, 1957.
3821. HAJSIG (M.). *Torulopsis apicola* nov. spec., new isolates from Bees. - Leeuwenhoek J. Microbiol. Serol. 24, 1, pp. 18-22, 2 fig., 1958.
3822. HASKINS (R. H.). Hyphomycetous fungi: *Volucrispora aurantiaca* n. gen., n. sp.; *V. ornithomorpha* (Trotter) n. comb.; and *Tricellula curvatis* n. sp., with the genus *Tricellula* emended. - Canad. J. Microbiol., 4, 3, pp. 273-285, 3 pl., 16 fig., 1958.
3823. HENNEBERT (G. L.). *Le Botrytis globosa* Raabe sur *Allium ursinum* en Belgique. Morphologie du conidiophore. - Bull. Jard. bot. Brux., 28, 2, pp. 193-207, 1 pl., 8 fig., 7 graphs, 1958.
3824. HIRAYAMA (S.) & UDAGAWA (S.I.). Taxonomic studies of fungi on stored rice grains II. *Aspergillus* group. - Bull. Fac. Agric. Mie Univ. 16, pp. 7-28, 7 pl. (40 fig.), 16 fig., 1958. [28 spp. and vars.]
3825. HUGHES (S. J.). Revisiónes Hyphomycetum aliquot cum appendice de nominibus rejiciendis. - Canad. J. Bot., 36, 6, pp. 727-836, 5 fig., 1958. [400 generic names and 1,000 species names checked from the originals.]
3826. HUSSEY (N. W.). Notes on a fungus parasitic on greenhouse whitefly. - Plant Path., 7, 2, pp. 71-72, 1 pl., 1958. [*Cephalosporium aphidicola*.]
3827. INGOLD (C. T.). Aquatic hyphomycetes from Uganda and Rhodesia. - Trans. Brit. mycol. Soc., 41, 1, pp. 109-114, 1958.
3828. INGOLD (C. T.). New aquatic Hyphomycetes: *Lemonniera brachycladia*, *Anguillospora crassa* and *Fluminispora ovalis*. - Op. cit., 41, 3, pp. 365-372, 2 pl., 5 fig., 1958. [1 n. gen., 3 n. spp.]
3829. KARAKULIN (B. P.). (On the fungi of the type *Rhynchosporium* Heins.). - Notul. syst. Sect. crypt. Inst. Bot. Acad. Sci., U.S.S.R., 5, 10-12, pp. 161-167, 3 fig., 1955.
3830. KENDRICK (W. B.). *Helicoma monospora* sp. nov. from Pine litter. - Trans. Brit. mycol. Soc., 41, 4, pp. 446-448, 1 pl., 1958.
3831. KENDRICK (W. B.). *Sympodiella*, a new hyphomycete genus. - Op. cit., 41, 4, pp. 519-521, 1 pl., 2 fig., 1958.
3832. KOCKOVÁ-KRATOCHVÍLOVÁ (ANNA), KUTKOVÁ (MARTA), & PETROVÁ (MARGITA). Druhy rodu *Fusarium*, které způsobily srdečkovú hnilobu Cukrovej Repy v r. 1956 na Slovensku. - Čes. Mykol., 12, 2, pp. 83-94, 3 fig., 1958. [15 spp.]
3833. KOMINAMI (M.). A survey on Keratinolytic or Keratinophilic molds from soil in Japan I. On *Keratinomyces ajelloi* isolated from soil in Japan. - Tohoku J. exp. Med., 66, 3-4, pp. 233-247, 1957.
3834. KURAISHI (H.). *Candida corniculata* nov. spec., a new yeast from Beech litter. - Sci. Rep. Tohoku Univ., 4th Ser., 24, 2, pp. 59-62, 3 fig., 1958.
3835. LEDUC (AGNÈS). Sur les micromycètes alternarioides de la flore fungique des Lins. - Rev. gén. Bot., 65, 776, pp. 541-580, 44 fig., 1958.
3836. LENTZ (P. L.). Taxonomy of the pecan scab fungus. - Mycologia, 49 (1957), 6, pp. 874-878, 1 fig., 1958. [*Fusicladium effusum*.]
3837. MAHONY (MONICA) & WILKIE (D.). An instance of cytoplasmic inheritance in *Aspergillus nidulans*. - Proc. roy. Soc., Ser. B, 148, 932, pp. 359-361, 1 pl., 1958.

3838. MATSUSHIMA (K.). Taxonomic consideration of a mold which is of interest from the proteolytic point of view. - Bull. Fac. Agric. Mie Univ., 15, pp. 121-122, 1957. [Genus *Hormodendrum*.]
3839. MATUO (T.) & SAKUROI (Y.). Notes on the three newly-found diseases of Walnut stems in Japan. - Res. Rep. Fac. Text. Seric. Shinshu Univ., 4, pp. 9-12, 6 fig., 1954. [*Melanconium oblongum*, *Macrophoma juglandis* n. sp., and *Phoma* sp.]
3840. MEYER (J. A.). Appareil conidien de *Tricothecium roseum* Lk. ex Fr., *Cylindrocarpon congoensis* nov. sp. et *Arthrotrichum stilbacea* nov. sp. - Bull. Soc. mycol. Fr., 74, 3, pp. 236-248, 3 fig., 1958.
3841. MULLER (H. G.). The constricting ring mechanism of two predacious Hyphomycetes. - Trans. Brit. mycol. Soc., 41, 3, pp. 341-364, 6 fig., 1958. [*Arthrotrichum dactyloides* and *Dactylella doedycoides*.]
3842. NICOT (JACQUELINE). Quelques micromycètes des sables littoraux. - Bull. Soc. mycol. Fr., 74, 3, pp. 223-235, 2 fig., 1958. [*Paecilomyces persicinus* n. sp., *Phoma* spp., *Torula nigra*, and a list of 37 spp.]
3843. NICOT (JACQUELINE). Une moisissure arénicole du Littoral Atlantique: *Dendryphiella arenaria* sp. nov. - Rev. Mycol., Paris, 23, 1, pp. 87-99, 2 fig., 1958.
3844. NILSSON (S.). On some Swedish freshwater Hyphomycetes. - Svensk bot. Tidskr., 52, 2, pp. 291-318, 14 fig., 1958. [21 spp.]
3845. OSIPIYAN (L. L.). (Data from the study of the genus *Cercospora* in the Armenian SSR.) - Bull. Biol. Agric. Sci. Armen. SSR., 10, 9, pp. 35-66, 1957. [Russian.]
3846. PEDERSEN (T. A.). *Cryptococcus terricolus* nov. spec., a new yeast isolated from Norwegian soils. - C. R. Lab. Carlsberg, 31, 7, pp. 93-103, 4 fig., 1958.
3847. PORTER (C. L.) & COATS (J. H.). Protoplasmic connections between cells in sclerotia of certain *Aspergillus* and *Penicillium* species. - Mycologia, 49 (1957), 6, pp. 895-896, 1 fig., 1958.
3848. RAMBELLI (A.). Micromiceti della foresta di Campigna. I^o Contributo. - Atti Accad. Sci. Ist. Bologna, Ser. XI, 4, pp. 189-204, 1 pl., 4 fig., 1957. [*Sporidesmium elegans*, *Acrotheca campaninae* n. spp. and 3 others.]
3849. RAMBELLI (A.). Ibid. - Op. cit., 5, 14 pp., 1 pl., 7 fig., 1958. [5 n. spp.]
3850. RAO (P. G.) & REDDY (T. C. V.). A new *Piricularia* from India. - Sci. & Cult., 24, 3, pp. 133-135, 1 fig., 1958. [*P. oryzae* var. *trachysae*.]
3851. REIERSÖL (S.). *Torulopsis norwegica* nov. spec. - Leeuwenhoek J. Microbiol. Serol., 24, 2, pp. 111-112, 1 fig., 1958.
3852. REIERSÖL (S.) & DI MENNA (MARGARET). A new *Cryptococcus* species. - Op. cit., 24, 1, pp. 27-30, 2 fig., 1958. [*C. gastricus*.]
3853. RIBA (R.) & ESPARZA (N.). Contribución al estudio de algunas especies de *Aspergilli* aisladas en la República Mexicana. - Bol. Soc. bot. Méx., 23, pp. 10-25, 10 fig., 1958.
3854. RICH (M. A.) & STERN (A. M.). Studies of *Cryptococcus nigricans* n. sp. I. Identification and taxonomic classification. - Mycopathologia, 9, 3, pp. 189-193, 3 fig., 1958.
3855. RICH (M. A.) & STERN (A. M.). Ibid. II. The effects of physical, chemical and nutritional factors. - Op. cit., 10, 2, pp. 83-90, 2 graphs, 1958.
3856. ROMANOVA (Mme A. G.). *Penicillia*, a monographic presentation of the morphology, physiology and ecology of the fungi most often encountered in soils in Russia. - 15 fig., 1957. [Russian.]
3857. ROUTIEN (J. B.). Variation in *Cephalophora tropica*. - Mycologia, 50, 1, p. 145, 1958.
3858. SAËZ (H. E.). *Le Geotrichum candidum* Link. Caractéristiques morpho-biologiques: fréquence chez l'Homme. - Bull. Soc. mycol. Fr., 73 (1957), 4, pp. 343-353, 1 fig., 1958.
3859. SANTA MARIA (J.). *Sporobolomyces marciae* nov. spec., isolated from the air. - Arch. Mikrobiol., 32, 1, pp. 29-31, 3 fig., 1958.

3860. SAWADA (K.). Researches on fungi in the Tohoku District of Japan. (IV). Fungi Imperfecti. - Bull. For. Exp. Sta., Meguro 105, pp. 35-140, 1958. [293 fungi, 61 n. spp.]
3861. SCHNEIDER (R.). Untersuchungen über Variabilität und Taxonomie von *Fusarium avenaceum* (Fr.) Sacc. - Phytopath. Z., 32, 1, pp. 95-126, 9 fig., 3 graphs, 1958.
3862. SCHNEIDER (R.). Ibid. 2. - Op. cit., 32, 2, pp. 129-148, 6 fig., 1 graph, 1958.
3863. SCHWEIZER (H.). Kulturanprüche des Kirschen- und des Pfirsichschorferregers (*Fusicladium cerasi* (Rabh.) Sacc. = *Venturia cerasi* AD. und *Cladosporium carpophilum* v. Thum.) auf künstlichen Nährboden.] - Arch. Mikrobiol., 30, 4, pp. 335-354, 1958.
3864. SIZOVA (Mme T. P.) & SUPRUN (T. P.). (A new genus in the order Hyphomycetales.) - Vestn. Moscow Univ., Ser. biol., 1957, 2, pp. 55-58, 4 fig., 1957. [Russian. *Coremiopsis rosea* n. gen., n. sp.]
3865. SRINIVASAN (K. V.). Fungi of the rhizosphere of sugarcane and allied plants. 1. *Hyalostachybotrys* gen. nov. - J. Indian bot. Soc., 37, 3, pp. 334-342, 22 fig., 1958. [2 n. spp.]
3866. STALL (R. E.). An investigation of nuclear number in *Alternaria solani*. - Amer. J. Bot., 45, 9, pp. 657-659, 7 fig., 1958.
3867. SUBAK SHARPE (H.). A closed system of cytoplasmic variation in *Aspergillus glaucus*. - Proc. Roy. Soc., Ser. B, 148, 932, pp. 355-359, 1 pl., 1 fig., 1958.
3868. SUBRAMANIAN (C. V.). Hyphomycetes - V. - J. Indian Bot. Soc., 37, 1, pp. 47-64, 5 fig., 1958. [4 n. gen., 4 n. spp.]
3869. SUBRAMANIAN (C. V.). Ibid. - VI. Two new genera, *Edmundmasonia* and *Iyengarina*. - J. Indian bot. Soc., 37, 3, pp. 401-407, 2 fig., 1958. [2 n. spp.]
3870. SWART (H. J.). A new species of *Beltrania* from soil. - Leeuwenhoek J. Microbiol. Serol., 24, 3-4, pp. 221-224, 2 fig., 1958.
3871. TILAK (S. T.). A parasitic species of *Periconia* from India. - Mycopathologia, 9, 3, pp. 194-196, 1 fig., 1958. [*P. parasitica* n. sp.]
3872. TUBAKI (K.). Studies on the Japanese Hyphomycetes (III). Aquatic group. - Bull. nat. Sci. Mus. Tokyo, 3, 4, (41), pp. 249-268, 14 fig., 1957. [3 n. spp., 11 others.]
3873. TUBAKI (K.). Ibid. (IV). Miscellaneous group. - Bot. Mag., Tokyo, 71, 838, pp. 131-137, 6 fig., 1 graph, 1958. [4 spp. inc. *Sporobolomyces coralliformis* n. sp.]
3874. TUBAKI (K.). Ibid. V. Leaf and stem group with a discussion of the classification of Hyphomycetes and their perfect stages. - J. Hattori bot. Lab., 20, pp. 142-244, 6 pl., 38 fig., 1958. [33 spp. including 2 n. gen., 7 n. spp., and 2 n. comb.]
3875. ULSON (CECILIA M.). Demonstração de capsula em Leveduras do genero *Rhodotorula*, pelo método de Moeller. - Rev. Latinoamer. Microbiol., 1, 1, pp. 63-68, 1958.
3876. UMPHLETT (C. J.). Preliminary survey of aquatic Hyphomycetes on angiosperm debris. - Virginia J. Sci., N.S., 8, 4, pp. 291, 1957. [New sp. of *Heliscus* (name only) and 12 spp. listed.]
3877. VAN DEN ENDE (G.). Untersuchungen über den Pflanzenparasiten *Verticillium albo-atrum* Reinke et Berth. - Acta bot. Neerl., 7, 5, pp. 665-740, 4 pl., 5 fig., 1 diag., 2 graphs, 1958.
3878. VAN UDEN (N.) & FARINHA (MANUELA). On the significance of temperature relations and vitamin deficiency patterns in the delimitation of yeast species. - Protug. Acta biol., Ser. B, 6, 2, pp. 161-178, 4 fig., 1958 [*Candida zeylanoides* and *C. norvegensis* n. comb.]
3879. VASIL'KOV (B. P.). (On *Sepedonium tulasneanum* Sacc. em. Vassilk., parasitic on white mushrooms in U. S. S. R.) - J. Bot. U. S. S. R., 41, 10, pp. 1519-1520, 1956. [Russian.]
3880. VASYAGINA (MME M. P.). (New species of Hyphomycetes in Kazakhstan). - Izv. Acad. Sci. kazakh S. S. R., Ser. biol., 1957, 1(13), pp. 100-103, 4 fig., 1957. [Russian. 4 n. spp.]
3881. VERONA (O.) & PICCI (G.). A new species of *Trichosporon*: *Trichosporon hellenicum* n. sp. - Ann. Microbiol. Enzimol., 8, 1-4, pp. 106-108, 1958.

3882. VERONA (O.) & DE TOLEDO (O. Z.). Reisolamento di una rara specie di lievito: *Trigonopsis variabilis* Schachner. - Arch. mikrobiol., 32, 1, pp. 25-28, 2 fig., 2 graphs, 1958.
3883. VÖRÖS (J.). Adatok Magyarország fungi imperfecti flórájának ismeretéhez. - Bot. Közl., 47, 3-4, pp. 277-280, 2 fig., 1958. [*Diplodina dracunculi*, *Microdiplodia huszii* n. spp., and 41 others.]
3884. WILLÉN (T.). Conidia of aquatic Hyphomycetes amongst plankton algae. - Bot. Notiser, 111, 2, pp. 431-435, 2 fig., 1958.
3885. WINITZKY (J.). Las especies de *Aspergillus* en muestras de tierra y aire del Parque Chaqueno - Rev. Invest. agríc., B. Aires, 11, 2, pp. 149-162, 2 fig., 1957.
3886. WINITZKY (J.). Las especies de *Aspergillus* en muestras de tierra y aire del 'Parque Mesopotámico' y de la 'Selva Misionera'. - Proc. Sixth. Internat. Congr. microbiol. 5, pp. 248-249, 1955.
3887. YONEZAWA (W.), AOKI (F.), OTU (M.), NISHIO (K.), & MATSUMOTO (K.). *Trichosporon aneurinolyticum*, a new thiamine destroying fungus. - J. Vitaminol., 3, 1, pp. 39-42, 1957.
3888. ZIMENKO (T. G.). (The distribution of the fungi of the genus *Penicillium* in turf-marsh soils.) - Microbiology, Moscow, 26, 6, pp. 756-761, 1957. [Russian. 19 spp.]
3889. ZSOLT (J.). A new yeast *Dioszegia hungarica* nov. gen. et sp. - Bot. Közl., 47, 1-2, pp. 63-66, 2 fig., 1957. [Hungarian and English. Cryptococcaceae.]
3890. ZSOLT (J.). *Torulopsis pseudaria* nov. spec., a new yeast from soil. - Leeuwenhoek J. Microbiol. Serol., 24, 3-4, pp. 210-214, 3 fig., 1958.

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3891. AHMAD (M.) & AHMAD (K-ud-D.). Sporulation in Yeasts. - Pakist. J. sci. Res., 9, 2, pp. 45-54, 1958.
3892. BOIDIN (J.) & ADZET (JOSÉ-MARIA). Deux curieuses levures isolées d'extraits tannants d'origine végétale: *Pachysolen* (nov. gen.) *tanniphilus* nov. sp. et *P. pelliculatus* nov. sp. - Bull. Soc. mycol. Fr., 73 (1957), 4, pp. 331-342, 1 pl., 5 fig., 1958.
3893. CAPIRIOTTI (A.). Las levaduras de algunos terrenos españoles. - Rev. Cienc. apl., 12, 2, pp. 97-115, 15 fig., 1958.
3894. COOK (A. H.). The chemistry and biology of yeasts. - xii + 763 pp., illus., New York, Academic Press Inc. (London, Academic Books Ltd.), 1958.
3895. DE HAPERIN (DELIA R.), DE EREZCANO DE P. (AMELIA E.), & ATLAS (ESTHER). Método para conservar levaduras esporógenas sin esporular. - Rev. Invest. agríc., B. Aires, 12, 1, pp. 81-89, 1958.
3896. DEUFEL (R. D.). A study of pigment production by species in the genus *Rhodotorula*. - Diss. Abstr., 18, 2, pp. 362-363, 1958.
3897. FARLEY (JACQUELINE O.). The isolation and identification of yeasts contaminating cattle tongue epithelial cultures of the virus of foot-and-mouth disease. - Trans. Brit. mycol. Soc., 41, 3, pp. 320-324, 1958. [13 spp.]
3898. GHOSH (GOURI R.). A report on the yeasts from Kanji. - Sci. & Cult., 23, 10, pp. 557-558, 1958. [*Hansenula anomala*, *Candida tropicalis*, *C. guilliermondii* var. *membranaefaciens*, and *Geotrichum candidum*.]
3899. KHARITINOVA (Mme Z. M.). (Comparative study of the fungi *Rhizoctonia solani* Kühn and *R. aderholdii* (Ruhl.) Kolosh.) - Trav. Soc. Nat., Moscow-Leningrad, 43, 1, pp. 75-81, 3 fig., 1958.
3900. KUDRYAVTSEV (V. I.). (Systematics of yeasts.) - 427 pp., Moscow Academy of Sciences, U. S. S. R., 1954. [Russian.]
3901. LEAL (I.). La flora blastomicética de la fruta. - Rev. Cienc. Apl., 12, 4, pp. 212-221, 6 fig., 1958.
3902. LUND (A.). Yeasts in nature. - Wallerstein Lab. Commun., 19, 66, pp. 221-236, 1956.

3903. MAGNI (G. E.). Problems in yeast genetics. - Atti Congr. int. Microbiol. (1953), 6, 1, pp. 660-669, 1955.
3904. MILLER (M. W.) & PHAFF (H. J.). A comparative study of the apiculate yeasts. - Mycopathologia, 10, 2, pp. 113-141, 8 fig., 5 graphs, 1958. [*Hanseniaspora* spp. and *Kloeckera* spp.]
3905. MILLER (M. W.) & PHAFF (H. J.). On the cell wall composition of the apiculate yeasts. - Leeuwenhoek J. Microbiol. Serol., 24, 3-4, pp. 225-238, 1 graph, 1958.
3906. REIERSÖT. (S.). Occurrence of yeasts in the intestinal tract of 20 patients during treatment with bacitracin and neomycin. - Op. cit., 24, 1, pp. 23-26, 1958. [9 spp.]
3907. ROZANOVA (Mme E. P.) & NOVOZHILOVA (Mme M. I.). (Quantitative distribution and species composition of yeasts of the Rybinsk reservoir.) - Microbiology, Moscow, 27, 3, pp. 371-376, 1958. [Russian.]
3908. SANTA MARÍA (J.). Ecología de las levaduras. I. Nuevas especies aisladas de alpechín. - Bol. Inst. Invest. agron., Madr., 18, 38, pp. 301-313, 13 fig., 1958. [*Saccharomyces oleaceus*, *S. oleaginosus*, and *Candida olivarium*.]
3909. SANTA MARÍA (J.). Variación R. S. en *Candida guilliermondii* (Cast.) Langeron y Guerra. - Microbiol. esp., 11, 4, pp. 343-350, 9 fig., 1958.
3910. STEINER (M.) & KATING (H.). Harnstoffassimilation mit und ohne Ureasewirkung bei Mikroorganismen (*Endomycopsis vernalis*, *Torulopsis utilis*, *Willia anomala*). - Arch. Mikrobiol., 28, 2, pp. 173-190, 1957.
3911. VAN DER WALT (J. P.) & TSCHUSCHNER (IRMGARD T.). Three new yeasts. - Leeuwenhoek J. Microbiol. Serol., 23, 2, pp. 184-190, 3 fig., 1957. [*Saccharomyces lodderi*, *Pichia pijperi*, and *Candida natalensis*.]
3912. VAN DER WALT (J. P.) & VAN KERKEN (AMELIA E.). The wine yeasts of the Cape. Part I. A taxonomical survey of the yeasts causing turbidity in South African table wines. - Op. cit., 24, 3-4, pp. 239-252, 1958.
3913. TSUCHIYA (T.), FUKAZAWA (Y.), HAYASHI (S.), HAYASHI (J.), & DOI (M.). Serological relationships among ascosporeogenous and asporogenous yeasts. I. *Saccharomyces cerevisiae* and *Candida robusta*. - Jap. J. Microbiol., 1, 2, pp. 125-131, 1957.

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3914. SINGER (R.) & ARCHANGELSKY (S.). A petrified Basidiomycete from Patagonia. - Amer. J. Bot., 45, 3, pp. 194-198, 1 map, 1958. [*Phellinites diguistoi* gen. nov., spec. nov., found in a petrified forest.]

LICHENS

3915. HALE (M. E.). Vitamin requirements of three lichen fungi. - Bull. Torrey bot. Cl., 85, 3, pp. 182-187, 3 graphs, 1958. [*Acarospora fuscata*, *Buellia stillingiana*, *Sarcogyne similis*.]
3916. HENRIKSSON (ELISABET). Studies in the physiology of the of the lichen *Collema*. II. A preliminary report on the isolated fungal partner with special regard to its behaviour when growing together with the symbiotic Alga. - Svensk bot. Tidskr., 52, 3, pp. 391-396, 2 pl., 1958. [No name.]
3917. OKSNER (A. M.). (The taxonomic position of Lichens and the basic phylogenetic lines of their development. - J. Bot. Acad. Sci. Ukr., 13, 1, pp. 15-30, 1 diag., 1956. [Deals also with the fungi from which they may be derived.]
3918. TOMASELLI (R.). Esperienze di simbiosi 'innaturali' di licheni 'in vitro'. - Atti Ist. bot. Univ. Pavia, Ser. 5, 15, pp. 134-158, 3 pl., 1958.

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